

विकास आयुक्त का कार्यालय  
(सूक्ष्म, लघु एवं मध्यम उद्यम)  
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय  
(भारत सरकार)

निर्माण भवन, सातवीं मंजिल, मौलाना आजाद रोड,  
नई दिल्ली-110 108



OFFICE OF THE DEVELOPMENT COMMISSONER  
(MICRO, SMALL & MEDIUM ENTERPRISES)  
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES  
GOVERNMENT OF INDIA  
Nirman Bhawan, 7<sup>th</sup> Floor, Maulana Azad Road,  
New Delhi-110 108

Ph. EPAX-23063800, 23063802, 23063803, 23063804, 23063805 & 23063806

By Speed Post/E-mail

F. No. 6 (19)/Sanction to CNA/Incubation/2022-23

Dated: 22/01/2024

To

The Accounts Officer  
Pay & Accounts Office  
Micro, Small & Medium Enterprises  
New Delhi.

**SANCTION ORDER**

**Subject: Sanction of Rs. 6,02,19,050/- (Rupees six crore two lakh nineteen thousand fifty only) and release of Rs. 6,02,19,050/- i.e., towards 2nd Installment (30% of GOI sanctioned amount) Grant-in-Aid General (Non-Recurring) to be credited to CNA-CTTC-Bhubaneswar) for releasing to 99 Host Institutes (HIs) for 182 Ideas under Incubation Component of MSME Innovative Scheme for FY 2023-24-reg.**

Undersigned is directed to convey the sanction of the President of India of Rs. 6,02,19,050/- (Rupees six crore two lakh nineteen thousand fifty only) and release of Rs. 6,02,19,050/- i.e., towards 2nd Installment (30% of GOI sanctioned amount) under Grant-in-Aid General (Non-Recurring) to be credited to CNA-CTTC-Bhubaneswar) for releasing to 99 Host Institutes (HIs) for 182 Ideas approved under MSME Idea Hackathon 2022 as **per Annexure-A** under Incubation Component of MSME Innovative Scheme for FY 2023-24-reg.

2. This is in accordance with the Department of Expenditure's OM no. 1-17008/3/2003-CGA/e-12949/601 dated 12.12.2023 (copy enclosed), (Releases of funds under Central Sector Schemes) under clauses b (iv) & (vi) the following relaxation have been provided as below:

- iv) The sanction order cannot be generated if the amount proposed to be released is more than 25% of budget allocated for the CNA.
- vi) The sanction order cannot be generated if the CNA bank account balance is more than 6.25% of the annual Budget allocation to the CNA. The validation is relaxed if the sanction order is generated for Object Heads -31 (GIA-General) AND 36 (GIA-Salary).

3. Accordingly, the "Concurred Amount" and the "Release Amount" are as under:

S. No.	BE /RE of MSME Champions Scheme 2023-24(Rs. in Lakh)	Concurred Amount by IFW during FY 2023-24(Rs.)	'Release' Amount for FY 2023-24(Rs.)
1	5272.00	Rs. 6,02,19,050/-	Rs. 6,02,19,050/- be credited to the CNA-CTTC-Bhubaneswar

श्री. रामकृष्णन / V. RAMAKRISHNAN  
उप निदेशक / Dy. Director  
भारत सरकार / Govt. of India  
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विकास आयुक्त (सू. ल. एवं म. उद्यम) का कार्यालय  
Office of the Dev. Commr. (MSME)  
निर्माण भवन, 7<sup>th</sup> मंजिल, मौलाना आजाद रोड, नई दिल्ली-110108

#### 4. Roles and Responsibilities of CNA:

Central Tool Room And Training Centre (CTTC), Bhubaneswar, Odisha shall release the amount to the respective Host Institutes (HIs) as per the **Annexure-A** after submission/upload of all requisite documents on MIS portal by the HIs concerned as per the scheme guidelines. The Grant-in-Aid will be regulated in accordance with the OM of Dept. of Expenditure, Ministry of Finance vide No. **1(18)/PFMS/FCD/2021 dated 9<sup>th</sup> March, 2022 (copy attached)** regarding revised procedure for flow of funds under Central Sector Schemes and provisions contained in the Incubation Component of MSME Innovative Scheme. CTTC, Bhubaneswar, Odisha has been nominated as CNA vide letter No. 41(1)/Budget/MSME Champions/2021 dated 27.06.2022 for Incubation Component of MSME Innovative Scheme of MSME Champions Scheme (**copy of the order enclosed for reference**). **CTTC, Bhubaneswar** shall strictly follow the roles and responsibility as mentioned in the aforesaid O.M. The funds released are also subject to the provisions contained in Chapter 9 of the General Financial Rules, 2005, as amended from time to time, read with the Government of India's decisions incorporated there-under and any other guidelines which may be issued in this regard and in particular to the following conditions:

- i. CTTC, Bhubaneswar shall maintain CNA account of Grant-in-Aid received from the Government and utilized. In addition, a separate Bank account shall be maintained for the Government Grants under this Scheme. (The bank account should be same which was authorized for operation at the time of registration under the central plan Scheme monitoring system (CPSMS) of the Ministry of Finance).
- ii. The grant shall be utilized for the purpose of development of ideas under Incubation Component of MSME Innovative Scheme as provisioned in the Scheme guideline. Further, while incurring the expenditure, austerity measures should be taken into account as issued from time to time by competent authority.
- iii. www.innovative.msme.gov.in portal shall be used for uploading all relevant information by the HIs as and when required by this office under Incubation Component of MSME Innovative Scheme.
- iv. CTTC, Bhubaneswar shall maintain a register of permanent and semi-permanent assets acquired if any, wholly or mainly out of the above grant in the prescribed format and copy thereof should be furnished to this Ministry.
- v. If any capital assets created in the CTTC, Bhubaneswar, DC (MSME) will be the sole proprietor of the same. Assets acquired wholly or substantially out of Government Grant shall not be disposed of without obtaining the prior approval of the sanctioning authority of Grant-in-aid.
- vi. The accounts of CTTC, Bhubaneswar shall be open for inspection by the sanctioning authority and audit, both by the Controller & Auditor General of India under the provision of C&AG (DPC) Act, 1971 in accordance with the provisions laid down in Section 14 of the C&AG (DPC 1971) as amended from time to time and Internal Audit party of the Principal Accounts Office of the Ministry of Micro, Small & Medium Enterprises (MSME), whenever it is called upon to do so.
- vii. The grantee shall submit the Utilization Certificate in the prescribed form GFR-12 duly signed by the Head of the Institution/ Grantee latest by 31.03.2024. The utilization certificate in respect of grants should also disclose whether the specified, quantified and qualitative targets that should have been reached against the amount utilized were in fact reached, and if not, the reasons there for furnished by concerned HI.

श्री. रामकृष्ण/V. RAMAKRISHNAN  
उप निदेशक/Dy. Director  
भारत सरकार/Govt. of India  
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय  
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- viii. CTTC, Bhubaneswar shall furnish an Audited Statement of Accounts of the financial year before 30.04.2024 also indicating separately Activity-wise and Head-wise expenditure.
- ix. Grant-in-Aid shall be utilized subject to the Economy and other Instructions issued from time to time by the M/o Finance or by the Competent Authority.
- x. CTTC, Bhubaneswar shall certify that the utilization certificates due for submission for the Grants-in-aid sanctioned in the previous year's containing all the relevant details under GFR 212(1) have been submitted to the satisfaction of the Ministry of MSME.
- xi. CTTC, Bhubaneswar shall adhere to all the relevant provisions of GFR and any other instructions/ guidelines issued by the Government from time to time, while making procurement/ purchases of goods and services including compliance to GFR provisions in case of out-sourcing of services and engagement of consultants.
- xii. CTTC, Bhubaneswar has been exempted from execution of the bond. CTTC, Bhubaneswar shall, however, furnish an undertaking that it will comply with all the terms and conditions stipulated in the sanction order.
- xiii. CTTC, Bhubaneswar should send pre-receipted bill and undertaking to agree to the terms & conditions of this sanction (in triplicate) to this Ministry for payment of the amount drawn against this sanction.
- xiv. In no case the grant released under this sanction will be utilized for any purpose other than those indicated in the sanction. The grantee shall not divert the grants and entrust execution of the Scheme or work concerned to another Institution or Organization and shall abide by the terms & conditions of the grant and follow/ adhere to all the relevant provisions of GFR regarding Grants in aid. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned or does not adhere to the terms & conditions of Grant and GFR provisions, the grantee/Institution shall be required to refund the grant with interest @10% per annum, if any.
- xv. CTTC, Bhubaneswar will send the detailed progress report of for fund utilized by HI.
- xvi. CTTC, Bhubaneswar may use the fund as prescribed in the Scheme guidelines of Incubation component of MSME Innovative Scheme relating to development of ideas. The expenditure under the sanction is maximum, saving if any, will be surrendered to the Govt. of India.
- xvii. The grantee institution shall not utilize the interest earned if any on the recurring/non-recurring grants-in-aid released to the institution for any purpose. The interest earned shall be indicated in UC which can be either adjusted in next release or to be refunded to GoI after grants-in-aid sanctioned is utilized.

#### 5. Roles and Responsibilities of Host Institutes:

- i. The expenditure shall be incurred towards Technology related Expenditure towards machine usage charges, Electricity charges, Procurement of raw material, testing/Calibration charges, other charges essential for development of idea, charges for mentor/handholding supporting team and Travelling Expenses or any other item not covered as above may be allowed as per need for development of the idea. The main activities include nurturing of innovative business ideas (new/indigenous technology, processes, products, procedures, etc.), with the expected outcome of it being commercialized into an enterprise.



वी. रामकृष्णन / V. RAMAKRISHNAN  
उप निदेशक / Dy. Director  
भारत सरकार / Govt. of India  
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय  
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- ii. The terms and conditions governing the grant will be as per undertaking executed to Government by the HIs on MIS portal. The amount released as 2<sup>nd</sup> installment will be utilized in a manner that Proof of Concept (POC) of project/idea is made. The Host Institution shall maintain separate accounts of the funds received and expenditure incurred on various activities. Further, the HI would submit Annual Accounts, Audited expenditure Statement and Utilization Certificate to the Government. In case of mis-utilisation or diversion of grant sanctioned under the scheme, the HI shall be liable to refund to the President of India the whole or a part amount of the grant with interest @ of 10 % per annum thereon. Further, the Host Institution shall not utilize the interest earned on the recurring / non-recurring grants –in –aid released to the institution for any purpose. The interest earned shall be indicated in UC which can be either adjusted in next release or to be refunded to GOI after grants –in-aid sanctioned is utilized.
  - iii. The time limit for Completion of ideas through Host institute is preferably one year until and unless some valid justification is given for extension of the time limit The Executive Head shall submit Quarterly Progress Report of the development of ideas to this office. The consolidated report on the final outcome of such incubation along with the report of mentor/guide about the quality of the work done, its cost effectiveness, tangible gains (quantitative) likely to be achieved, etc., is also to be submitted immediately after completion of the work.
  - iv. Host Institutes may use the fund as prescribed in the Scheme guidelines of Incubation component of MSME Innovative Scheme relating to development of ideas. The expenditure under the sanction is maximum, saving if any, will be surrendered to the Govt. of India.
  - v. In addition to the above, the HI will have to abide by the terms & condition as given in the detailed guidelines of the scheme. Also, the office of DC (MSME) may lay down any other condition to be followed by HI as and when required.
  - vi. The expenditure incurred by the institutions shall be open to inspection by the sanctioning authority/ CAG/Chief Controller of Account (CCA), Ministry of Micro, Small & Medium Enterprises.
  - vii. The HIs shall certify that it has not obtained or applied for grants for the same purpose or activities from any other Ministry or Department of Government of India or the State Government.
  - viii. Noted at Serial No. 20 in the Register of Grants.
6. DDO of the office of DC (MSME) will act as Drawing and Disbursing Officer for this sanction.
  7. The progress of the scheme would be monitored by the PMAC, O/o DC (MSME).
  8. The expenditure involved is debit to the Budget Allocation under Demand No. 68 Ministry of Micro, Small & Medium Enterprises (MSME) under Technology Upgradation and Quality Certification (MSME Champions Scheme) for FY 2023-24. Details are as under:

(i)	Major Head	2851.00.102.95	Village & Small Industries
(ii)	Object Head	95.04.31	GIA-G
(iii)	BE (MSME Champions Scheme)	47.00 Cr.	Expenditure till date: Rs. 26.66 cr.
(iv)	Present sanction/release	Rs. Rs. 6,02,19,050	



वी. रामकृष्णन/V. RAMAKRISHNAN  
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सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय  
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9. The CNA bank details of the Central Tool Room & Training Centre, Bhubaneswar for making payment is as below:

Name of the CNA	Name of Bank where A/c of Org. Held	Address/Code of Bank Branch	Saving Bank A/c No. of CNA	MICR Code and IFSC Code
Central Tool Room & Training Centre	State Bank of India	Infocity Branch, Bhubaneswar	41141047045	MICR-751002030 IIFC NO. – SBIN0010133

10. There is no pending UC with CTTC, Bhubaneswar under “MSME Innovative Scheme

11. This issues with the concurrence of Integrated Finance Wing vide their Dy. No. 211/2023-24/IFW-II dated 16.01.2024

Yours faithfully

वी. रामकृष्णन / V. RAMAKRISHNAN  
उप निदेशक / Dy. Director  
भारत सरकार / Govt. of India  
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय  
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Office of the Dev. Commr. (MSME)  
निर्माण भवन, नई दिल्ली-110108 / Nirman Bhawan, New Delhi-110108

*(Signature)*  
22/01/2024  
**(V. Ramakrishnan)**  
**Dy. Director**

**Encl:** As above.

Copy To


1. General Manager, Central Tool Room & Training Centre, B-36, Chandaka Industrial Area Bhubaneswar-751024
2. The Drawing & Disbursing Officer, Office of DC (MSME), New Delhi.
3. The Director (PFMS), Department of Expenditure, Ministry of Finance, North Block, New Delhi.
4. B&A Section, Office of DC (MSME), Nirman Bhawan, New Delhi.
5. Budget Division, Office of DC (MSME), Nirman Bhawan, New Delhi.
6. Principal Director of Audit, Economic and Service Ministry, AGCR Building, IP Estate, New Delhi.
7. Under Secretary, IFW, Ministry of MSME, Nirman Bhawan, New Delhi.
8. Sr PPS to JS (AFI)/ PS to Director (T&P). Ministry of MSME, Udyog Bhawan, New Delhi.
9. SENET Division with the request to upload on DC (MSME) website.
10. All MSME –DFOs
11. Guard File.

वी. रामकृष्णन / V. RAMAKRISHNAN  
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भारत सरकार / Govt. of India  
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Office of the Dev. Commr. (MSME)  
निर्माण भवन, नई दिल्ली-110108 / Nirman Bhawan, New Delhi-110108

*(Signature)*  
**(V. Ramakrishnan)**  
**Dy. Director**

## Annexure A


S. No.	Institute Name	State	Incubatee Name	Incubatee Category	Title of proposed idea/ innovation	Total project cost (Rs. In lakh)	Amt GOI assistance (Rs. In lakh)	Incubatee share (Rs. In lakh)	Released 70% 1st Instalment (Rs. In lakh)	2nd Installment 30% to be released (Rs. In lakh)
1	AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY, a constituent college of Vinayaka Missions Research Foundation ,Deemed to be University	Tamil nadu	Vijay Jayaraman	Start Up /Employed/Others	Efficient Power Management System by Implementing Solid State Transformer	12.6000	10.7100	1.8910	7.4970	3.2130
2	Adani University	Gujarat	Saxena Tushar	Entrepreneurs /MSME	One-Click Sprinkler technology to control fire Sprinkler manually through AUTOVOLTZ-Softwar-Console from any place	15.0000	12.7500	2.2500	8.9250	3.8250
3	Adhiyamaan College of Engineering	Tamil nadu	BAALA DHINES H A	Start Up /Employed/Others	Solar Membrane Distillation -Solar based Membrane distillation works on the principle of temperature and vapor pressure difference i.e., Membrane distillation is a thermal driven separation process.	12.0000	10.2000	1.8000	7.1400	3.0600
4	Adhiyamaan College of Engineering	Tamil nadu	G YOGESH	Start Up /Employed/Others	Smart Sensing Technique for Health Monitoring of Existing Bridges	15.0000	12.7500	2.2500	8.9250	3.8250
5	Adhiyamaan College of Engineering	Tamil nadu	M SONALI	Start Up /Employed/Others	Auto Irrigation, Soil Monitoring and Control for Better Crop Yield and Soil Quality	15.0000	12.7500	2.2500	8.9250	3.8250
6	Adhiyamaan College of Engineering	Tamil nadu	VADHIRAJANACHUTHAN	Start Up /Employed/Others	Cloud Based distance Relay with Fault location Mapping on Google Map	14.0000	11.9000	2.1000	8.3300	3.5700
7	Anand Institute of Higher Technology	Tamil nadu	Kanaga Suba Raja.S	Start Up /Employed/Others	AI-based Vehicle Parking System for Smart Cities	17.0000	12.7500	4.2500	8.9250	3.8250

  
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8	Anurag Group of Institutions	Telangana	R Naga Swetha	Start Up /Employed/Others	Secure Savers-Monitoring Adulteration and Pilferage of Petroleum Oil tankers and logistic service	18.0650	12.3250	5.7400	8.6280	3.6975
9	ASSOCIATION OF LADY ENTREPRENEURS OF INDIA	Telangana	Jammalamadaka Amarnath	Entrepreneurs /MSME	Automatic Food Cooking Machine - Buchuk	20.0000	12.7500	7.2500	8.9250	3.8250
10	Bharath Institute of Higher Education and Research	Tamilnadu	Angeline Raghu Babu	Start Up /Employed/Others	Trash to Treasure a Cost Effective Eco-Friendly Bioplastic from Agricultural Wastes for Use as Hospital Bed Covers	13.5000	11.4750	2.0250	8.0330	3.4425
11	BharatiVidyapeeth Deemed to be University College of Engineering, Pune India	Maharashtra	AniketPrabhakar Dandge	Entrepreneurs /MSME	Developing low cost advance mechanism for road maintenance by using techniques of road recycling	15.0000	12.7500	2.2500	8.9250	3.8250
12	CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES	Andhrapradesh	MS CHALAPATHI EDUCATIONAL SOCIETY	Entrepreneurs /MSME	Rivaroxaban powder for oral solutions and Rivaroxaban effervescent granules to treat angina pectoris, an Ischemic heart disease drug.	26.6000	12.7500	13.8500	8.9250	3.8250
13	CHEBROLU ENGINEERING COLLEGE	Andhrapradesh	Vusa Rohini	Student	Aadhar controlled automated polling station with remote monitoring	15.0000	15.0000	0.0000	10.5000	4.4500
14	Chennai Institute of Technology	Tamilnadu	kodavatisumanth	Entrepreneurs /MSME	Hydrogen powered electric Vehicle	15.0000	12.7500	2.2500	8.9250	3.8250
15	Chennai Institute of Technology	Tamilnadu	M Kayalvizhi	Start Up /Employed/Others	Novel mass screening Retina Imaging for Severity detection of Alzheimers using Deep learning methods	15.0000	12.7500	2.2500	8.9250	3.8250
16	Chennai Institute of Technology	Tamilnadu	Partheeban	Start Up /Employed/Others	Cost Effective and Quickly Deployable Hybrid Composite Shelter - focuses on the material design of hybrid glass/Kevlar fiber reinforced polymer (FRP) composites that will be suitable for fabricating panels for the construction of emergency medical shelters	15.0000	12.7500	2.2500	8.9250	3.8250

  
 श्री. रामकृष्णन V. RAMAKRISHNAN  
 Dy. Director

17	Chennai Institute of Technology	Tamil nadu	Yuvarash Chandrasekaran	Start Up /Employed/Others	FUSI(Filament Utilization System) - Recycled 3-D printed filaments.- Recycle of 3-D printed waste for reuse in 3D printing.	15.0000	12.7500	2.2500	8.9250	3.8250
18	CMR College of Engineering and Technology	Telanga na	MERUGU SURESH	Student	Campus Mobility E-Vehicle (SHHAR)	14.8100	14.8100	0.0000	10.3670	4.4430
19	CMR Engineering College	Telanga na	ANKIREDDY PALLI SRINIVASULA REDDY	Start Up /Employed/Others	Device to Improve Switching Speed and Provide Better Sensitivity at Low Frequencies	15.0000	12.7500	2.2500	8.9250	3.8250
20	CMR Engineering College	Telanga na	C SYAMSUNDAR	Start Up /Employed/Others	Novel Eco-Friendly Solid Waste Management System with Waste Heat Recovery for Rural Villages	15.0000	12.7500	2.2500	8.9250	3.8250
21	CMR Engineering College	Telanga na	C SYAMSUNDAR	Start Up /Employed/Others	Design and Development of an Affordable Portable Ventilator System for Patient Emergency Support	15.0000	12.7500	2.2500	8.9250	3.8250
22	CMR Engineering College	Telanga na	C SYAMSUNDAR	Start Up /Employed/Others	Establishing Hybrid Hydrodynamic Assisted with Acoustic Cavitation Water Treatment Facility for High-Quality Drinking Water	15.0000	12.7500	2.2500	8.9250	3.8250
23	CMR Engineering College	Telanga na	MAMIDALA VIJAY KARTHIK	Start Up /Employed/Others	Solar Energy Based Rickshaw Ambulance for Remote Locations	15.0000	12.7500	2.2500	8.9250	3.8250
24	CMR Engineering College	Telanga na	SARASWATHI NAGLA	Start Up /Employed/Others	Water Quality Monitoring System- It aims to determine the contamination of water, leakage within pipeline, and also automatic measurement of parameters such as temperature, pH value, flow , color , conductivity in real time	15.0000	12.7500	2.2500	8.9250	3.8250

  
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 Ministry of Micro, Small & Medium Enterprises  
 निवेश आयोग (ए. जे. एच. एम. उद्यम) का कार्यालय  
 प्लॉट नं. 10/1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000