

Course: The Joy of Computing using Python

Course Code: noc21-cs32

Session: 2020-21

Duration: 12 Weeks

Assessment procedures: Weekly Assignment (25%) + proctored certification Exam (75%)

Curriculum of the Course:

- Motivation for Computing
- Welcome to Programming!!
- Variables and Expressions: Design your own calculator
- Loops and Conditionals: Hopscotch once again
- Lists, Tuples and Conditionals: Lets go on a trip
- Abstraction Everywhere: Apps in your phone
- Counting Candies: Crowd to the rescue
- Birthday Paradox: Find your twin
- Google Translate: Speak in any Language
- Currency Converter: Count your foreign trip expenses
- Monte Hall: 3 doors and a twist
- Sorting: Arrange the books
- Searching: Find in seconds
- Substitution Cipher: What's the secret!!
- Sentiment Analysis: Analyse your Facebook data
- 20 questions game: I can read your mind
- Permutations: Jumbled Words
- Spot the similarities: Dobble game
- Count the words: Hundreds, Thousands or Millions.
- Rock, Paper and Scissor: Cheating not allowed!!
- Lie detector: No lies, only TRUTH
- Calculation of the Area: Don't measure.
- Six degrees of separation: Meet your favourites
- Image Processing: Fun with images
- Tic tac toe: Let's play
- Snakes and Ladders: Down the memory lane.
- Recursion: Tower of Hanoi
- Page Rank: How Google Works!!

List of students enrolled

S. No	Name of Student
1	Aman Porwal

2	Aditya Baghela
3	Abhishek Singh

4	Abhishek Garg
5	Aditi Agarwal
6	Aaditya Priya Gautam
7	Surbhi Agarwal
8	Akshita Sharma
9	Aman Baheti
10	Aman Sharma
11	Ankit Yadav
12	Ansh Gupta
13	Aditi Praveen Gupta
14	Arihant Pokharna
15	Ayush Jangir
16	Himanshu Patni
17	Bahadur Choudhary
18	Chhavi Jangid
19	Ritik Soni
20	Devanshu Soni
21	Dikshant Sharma
22	Divyansh Jaitlia
23	Eklavya Joshi
24	Gaurav Kumar Gupta
25	Khushi Garg
26	Kartik Gupta
27	Palak Gupta
28	Harshit Sukhwat
29	Harshit Sharma
30	Hemant Kumar Atal
31	Himanshu Patni
32	Kashish Jagwani
33	Aayush Jain
34	Rohan Jain
35	Jayesh Soni
36	Jatin Dhyawana
37	Jitendra Kumar Prajapt
38	Khushi Jain
39	Harsh Sharma
40	Kartik Dusad
41	Kartik Tiwari
42	Kartik Sharma
43	Kasish Agarwal
44	Kashish Sharma
45	Vishal Katariya
46	Bhavya Khatri
47	Khushi Khandelwal

48	Lalit Kumawat
49	Kushal Rawat
50	Kusum Sharma
51	Lalit Meena
52	Lalit Choudhary
53	Nikhil Kumar Lamba
54	Lokesh Choubisa
55	Lokesh Patidar
56	Madhur Khandelwal
57	Manish Vijay
58	Mishu Jain
59	Naman Mittal
60	Mohit Jain
61	Mehul Modi
62	Mohit Babani
63	Mohit Jain
64	Mohit Kumar Pamnani
65	Moin Ali
66	Mukul Jangid
67	Mukul Sharma
68	Mukund Sharma
69	Muskan Tailor
70	Nikita Singh
71	Nishant Kumar
72	Pooja Chaudhary
73	Prakhar Jain
74	Pranay Prabhat
75	Prashu Jain
76	Priyanshu Suhalka
77	Nagendra Singh
78	Rishi Bhargav
79	Ritik Khandelwal
80	Lakshit Sharma
81	Rohit Jain
82	Ritesh Sharma
83	Ruchika Jain
84	Adarsh Sain
85	Sarthak Bhatia
86	Deep Shah
87	Shruti Dubey
88	Shubham Soni
89	Shivam Kumar Gaur
90	Dhananjay Nathawat
91	Sabhyata Agarwal

92	Jayesh Soni
93	Komal Soni
94	Abhinav Mathur
95	Tushar Soni
96	Poorvaja Verma

97	Vishal Singh
98	Vishal
99	Vishal Kumar Mahar
100	Vishnu Sharma
101	Shivam Sharma