### Assignment -1

## **Python Programming**

| Assignment Date     | 1 September 2022 |
|---------------------|------------------|
| Student Name        | Padmaja S        |
| Student Roll Number | 19BCS4087        |
| Maximum Marks       | 2 Marks          |

### Question-1:

Write a program which will find all such numbers which are divisible by 7 but are not a multiple of 5, between 2000 and 3200 (both included). The numbers obtained should be printed in a commaseparated sequence on a single line.

#### **Solution:**



# Question-2:

With a given integral number n, write a program to generate a dictionary that contains (i, i\*i) such that is an integral number between 1 and n (both included). and then the program should print the dictionary.

Suppose the following input is supplied to the program:

Then, the output should be:

```
{1: 1, 2: 4, 3: 9, 4: 16, 5: 25, 6: 36, 7: 49, 8: 64}
```

## **Solution:**

```
Python

1 n=int(input())
2 d=dict()
3 v for i in range(1,n+1):
4 d[i]=i*i

7 print (d)

Run

2 Share

2 Share

2 Share

2 Share

2 12 1, 2: 4, 3: 9, 4: 16, 5: 25, 6: 36, 7: 49, 8: 64, 9: 81, 10: 1

6 0, 11: 121, 12: 144}

7 print (d)
```