### Assignment -1

# **Python Programming**

| Assignment Date     | 19 September 2022 |
|---------------------|-------------------|
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| Student Roll Number | 727619BCS013      |
| 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:

```
I=[]
for i in range(2000, 3201):
if (i%7==0) and (i%5!=0):
I.append(str(i))
```

print (','.join(I))



## 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:

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

print (d)
```

