**Assignment -1**

Python Programming

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| Assignment Date | 22 September 2022 |
| Student Name | Nandhini |
| Role | Team Lead |
| Student Roll Number | 92172019102091 |
| Maximum Marks | 2 Marks |
| Team ID | PNT2022TMID16927 |

**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 comma-separated sequence on a single line.

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| **Solution:**  l=[]  for i in range(2000, 3201):  if (i%7==0) and (i%5!=0):  l.append(str(i))  print (','.join(l)) |
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**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:

8

Then, the output should be:

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

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| **Solution:** |

n=int(input())

d=dict()

for i in range(1,n+1):

d[i]=i\*i

print (d)

