**ASSIGNMENT ­- 1**

**PYTHON PROGRAMMING**

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| **Assignment Date** | **19 NOVEMBER 2022** |
| **Student Name** | **ARAVINDH.A, AJESH.M, ARUNKUMAR.C, ABISHEK.M** |
| **Team ID** | **PNT2022TMID26821** |
| **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 comma-separatedsequenceona single line.**

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| **Solution:** |
| **a=[]**  **for i in range(2000, 3201):**  **if (i%7==0) and (i%5!=0):**  **a.append(str(i))**  **print (','.join(a))** |
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**Question-2:**

**Withagivenintegralnumbern,writeaprogramtogenerateadictionarythatcontains(i,i\*i)suchthatis an integral number between 1 and n (both included). and then the program should print thedictionary.**

**Suppose the following input is supplied to the program:8**

**Then,theoutputshouldbe:**

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

**Solution:**

**k=int(input())**

**s=dict()**

**for i in range(1,k+1):**

**s[i]=i\*i**

**print(s)**

