Assignment -1

Python Programming

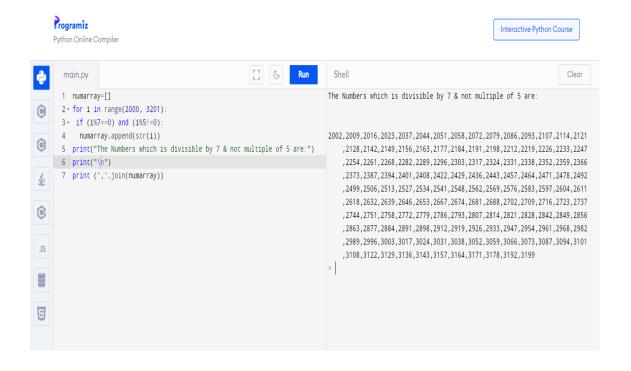
Assignment Date	19 September 2022	
Student Name	V Keerthivasan	
Student Roll Number	721219104024	
Maximum Marks	2 Marks	

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:

```
numarray=[]
for i in range(2000,3200):
    if (i%7==0) and (i%5!=0):
        numarray.append(str(i))
print(" The number which is divisible by 7 & not multiple of 5 are :")
print (','.join(numarray))
```



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}
```

SOLUTION

```
n= int(input("Enter the Number"))
d=dict()
for i in range(1,n+1):
    d[i]=i*i
print(" The number and it's square number are ");
print(d);
```

