Assignment -1

Python Programming

Assignment Date	19 November 2022
Student Name	Thanappriya R L
Student Roll Number	211519205172
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.

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

print (','.join(l))

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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for i in range(2000, 3201):
    if (i%7:=0) and (i%c!=0):
        l.append(ctr(i))

print ('.'.join(l))

2002,2009,2016,2023,2037,2044,2051,2058,2072,2079,2006,2093,2107,2114,2121,2128,2142,2149,2156,2163,2177,2184,2191,2198,2212,2219,2226,2233,2247,2254,2261,2268,221
```

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}
```

```
n=int(input())
```

```
d=dict()

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

print(d)
```

```
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[4]

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8

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