Assignment -1
Python Programming

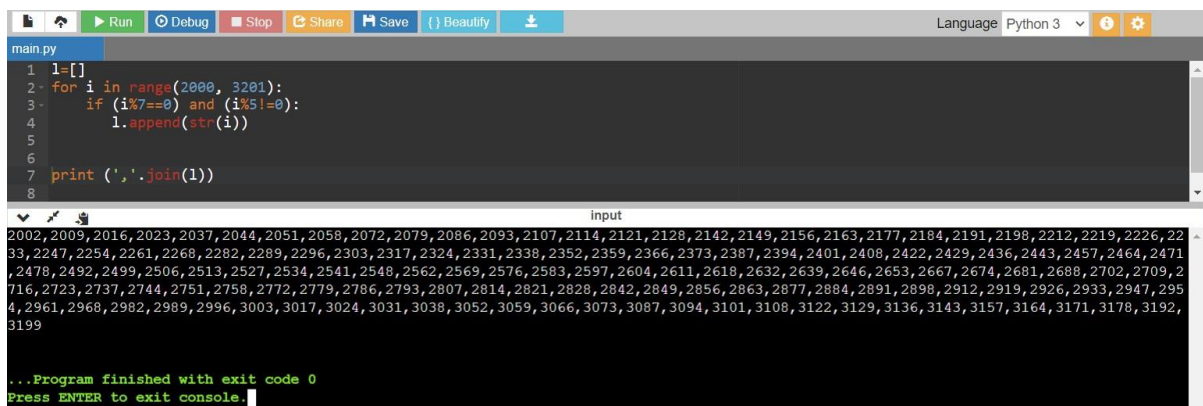| Assignment Date	19 September 2022
Student Name	AJAY D
Student Roll Number	311019106006
Maximum Marks	2 Marks

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-separated sequence on a single line.

Solution:

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


print (','.join(l))
#_____  #
#_____  #
```


Question-2:

Withagivenintegralnumbern,writeaprogramtogenerateadictionarythatcontains(i,i*i)suchthat   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:

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


print d
```

\# _____ \#
\# _____ \#