Assignment -1

Python Programming

Assignment Date	1 November 2022
Student Name	Ms. Mercy P
Student Roll Number	412419205057
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.

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}

File Edit Search Source Run Debug Consoles Projects Tools View Help

C:\Users\Welcome\.spyder-py3

C:\Users\Welcome\.spyder-py3\temp.py

temp.py

```python
1
2
3   n=int(input())
4   d=dict()
5   for i in range(1,n+1):
6       d[i]=i*i
7
8
9
10  print (d)
11
12
13
```

Source Console Object

Usage

Here you can get help of any object by pressing **Ctrl+I** in front of it, either on

Help Variable Explorer Plots Files

Console 1/A

```
Python 3.9.7 (default, Sep 16 2021, 16:59:28) [MSC v.1916 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.

IPython 7.29.0 -- An enhanced Interactive Python.

In [1]: runfile('C:/Users/Welcome/.spyder-py3/temp.py', wdir='C:/Users/Welcome/.spyder-py3')

12
{1: 1, 2: 4, 3: 9, 4: 16, 5: 25, 6: 36, 7: 49, 8: 64, 9: 81, 10: 100, 11: 121, 12: 144}

In [2]:
```

IPython console History

LSP Python: ready   conda: base (Python 3.9.7)   Line 10, Col 1   UTF-8-GUESSED   CRLF   RW   Mem 97%