Assignment -1

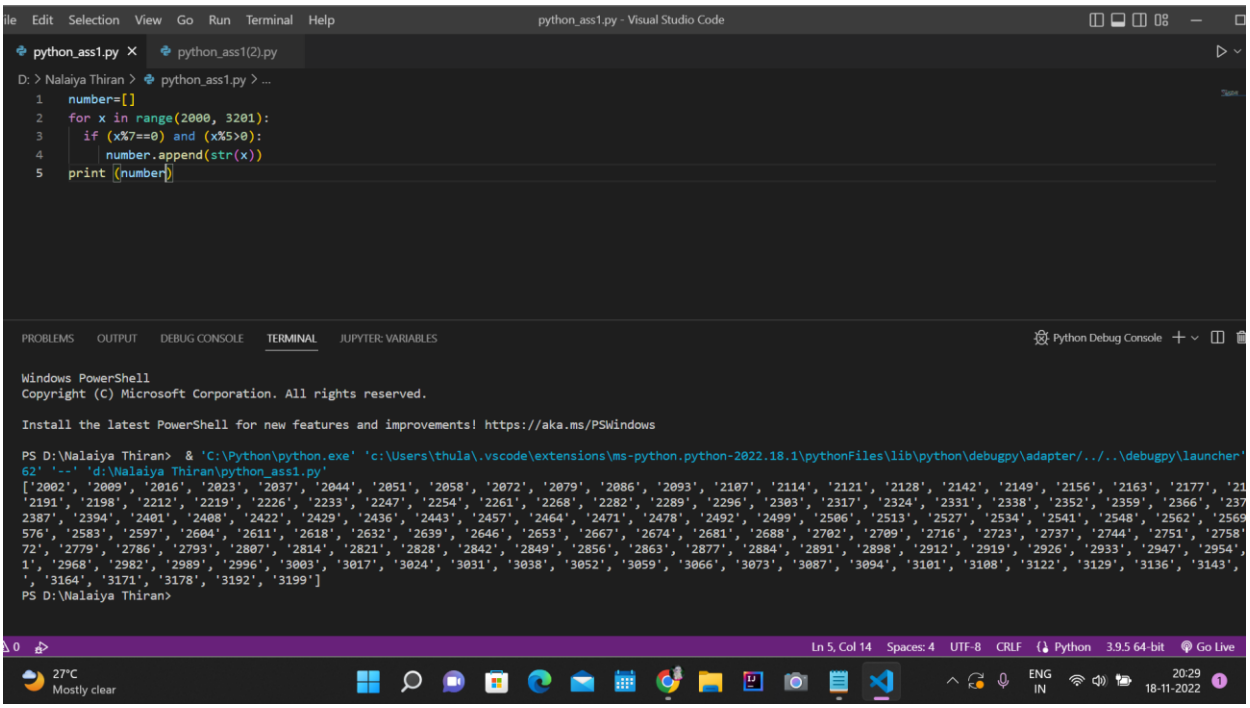
Python Programming

Assignment Date	23 September 2022
Student Name	THULASI V
Student Roll Number	312319205178
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:



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.

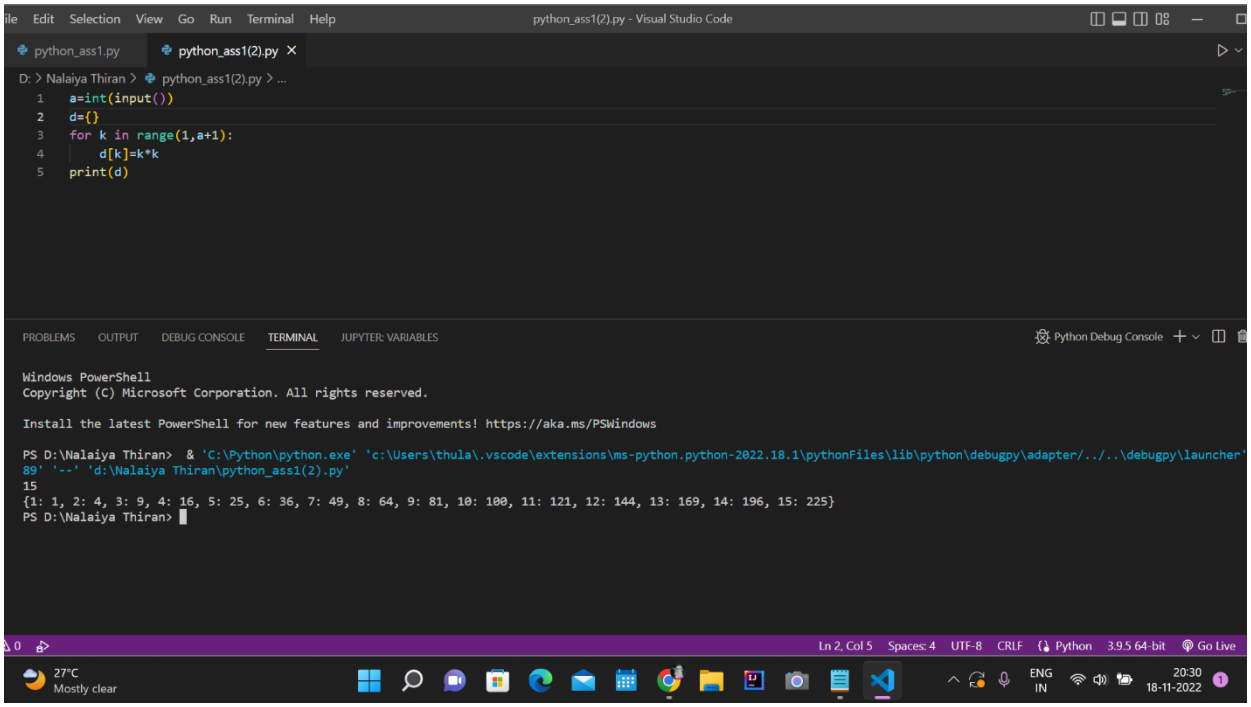
Suppose the following input is supplied to the program:

8

Then, the output should be:

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

Solution:


File Edit Selection View Go Run Terminal Help
python_ass1(2).py - Visual Studio Code
python_ass1.py
python_ass1(2).py
D: > Nalaiya Thiran > python_ass1(2).py > ...
1 a=int(input())
2 d={}
3 for k in range(1,a+1):
4 d[k]=k*k
5 print(d)
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER: VARIABLES
Python Debug Console
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows
PS D:\Nalaiya Thiran> & 'C:\Python\python.exe' 'c:\Users\thula\.vscode\extensions\ms-python.python-2022.18.1\pythonFiles\lib\python\debugpy\adapter/../..\debugpy\launcher'
89' '--' 'd:\Nalaiya Thiran\python_ass1(2).py'
15
{1: 1, 2: 4, 3: 9, 4: 16, 5: 25, 6: 36, 7: 49, 8: 64, 9: 81, 10: 100, 11: 121, 12: 144, 13: 169, 14: 196, 15: 225}
PS D:\Nalaiya Thiran>
Ln 2, Col 5 Spaces: 4 UTF-8 CRLF Python 3.9.5 64-bit Go Live
27°C
Mostly clear
ENG
IN
20:30
18-11-2022