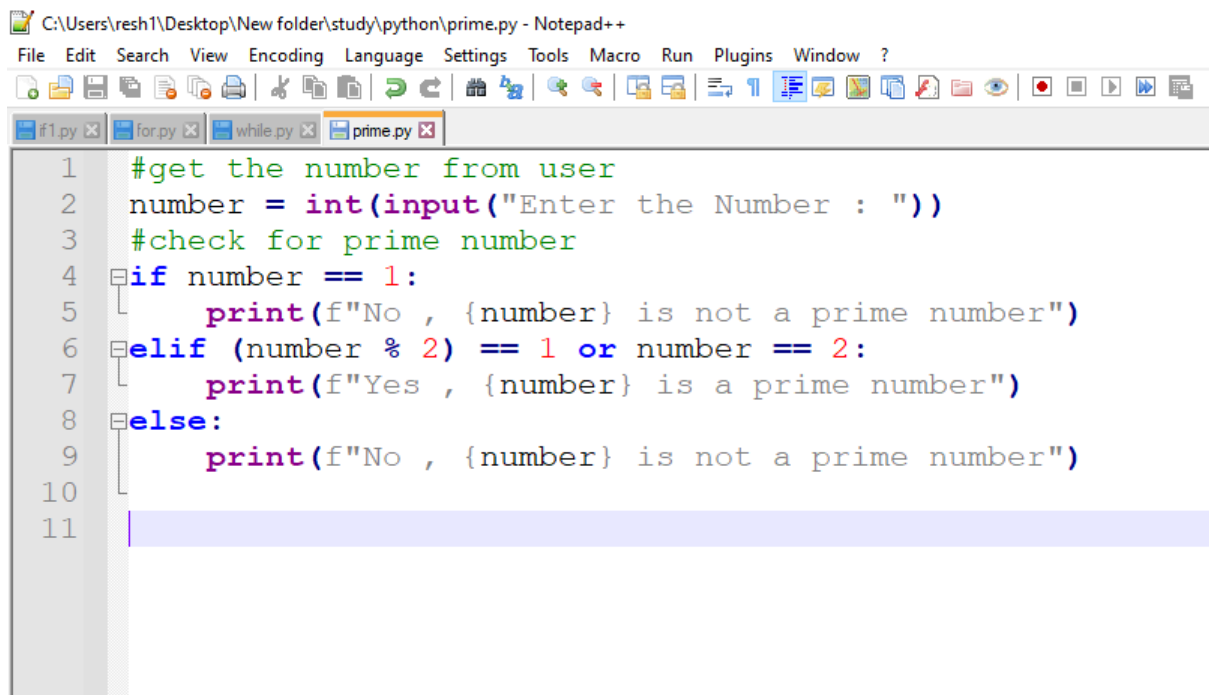


Day 2 Assignment

(14/09/2021)

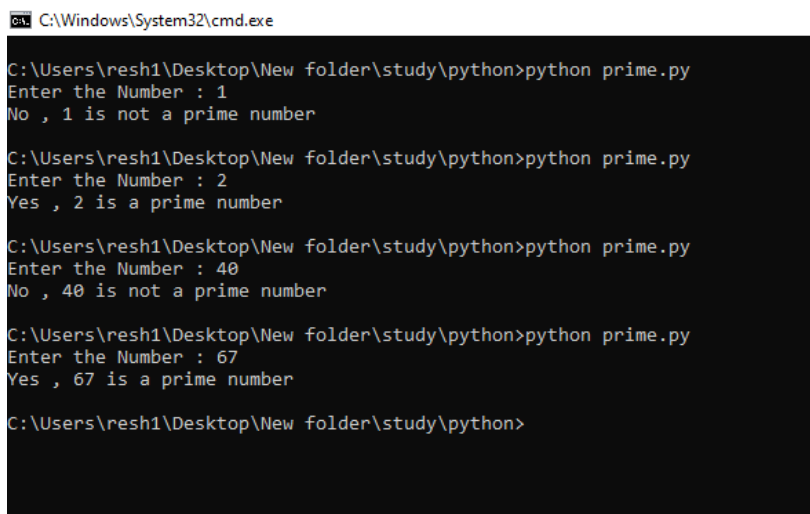
1.Prime number



The screenshot shows a Notepad++ window titled "C:\Users\resh1\Desktop\New folder\study\python\prime.py - Notepad++". The menu bar includes File, Edit, Search, View, Encoding, Language, Settings, Tools, Macro, Run, Plugins, Window, and ?. The toolbar contains various icons for file operations and editing. The tab bar shows four open files: f1.py, for.py, while.py, and prime.py. The prime.py file is active and contains the following Python code:

```
1  #get the number from user
2  number = int(input("Enter the Number : "))
3  #check for prime number
4  if number == 1:
5      print(f"No , {number} is not a prime number")
6  elif (number % 2) == 1 or number == 2:
7      print(f"Yes , {number} is a prime number")
8  else:
9      print(f"No , {number} is not a prime number")
10
11
```

Output:



The screenshot shows a Windows Command Prompt window titled "C:\Windows\System32\cmd.exe". It displays the execution of the prime.py script for four different inputs:

```
C:\Users\resh1\Desktop\New folder\study\python>python prime.py
Enter the Number : 1
No , 1 is not a prime number

C:\Users\resh1\Desktop\New folder\study\python>python prime.py
Enter the Number : 2
Yes , 2 is a prime number

C:\Users\resh1\Desktop\New folder\study\python>python prime.py
Enter the Number : 40
No , 40 is not a prime number

C:\Users\resh1\Desktop\New folder\study\python>python prime.py
Enter the Number : 67
Yes , 67 is a prime number

C:\Users\resh1\Desktop\New folder\study\python>
```