Day 2 Assignment

(14/09/2021)

1.Prime number

C:\Users\resh1\Desktop\New folder\study\python\prime.py - Notepad++

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if1.py | for.py | while.py | prime.py

```
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:

C:\Windows\System32\cmd.exe

```
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>
```