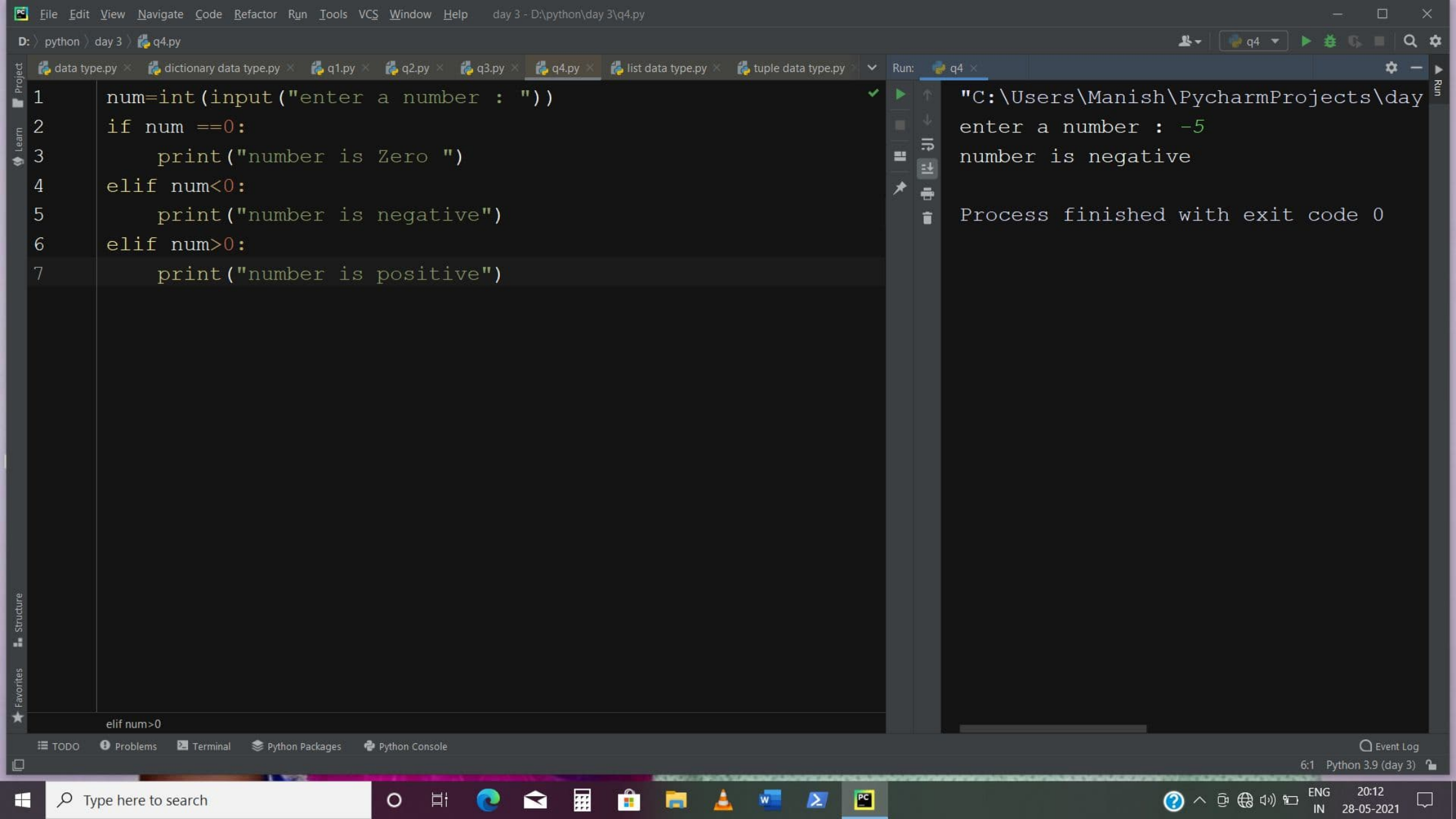
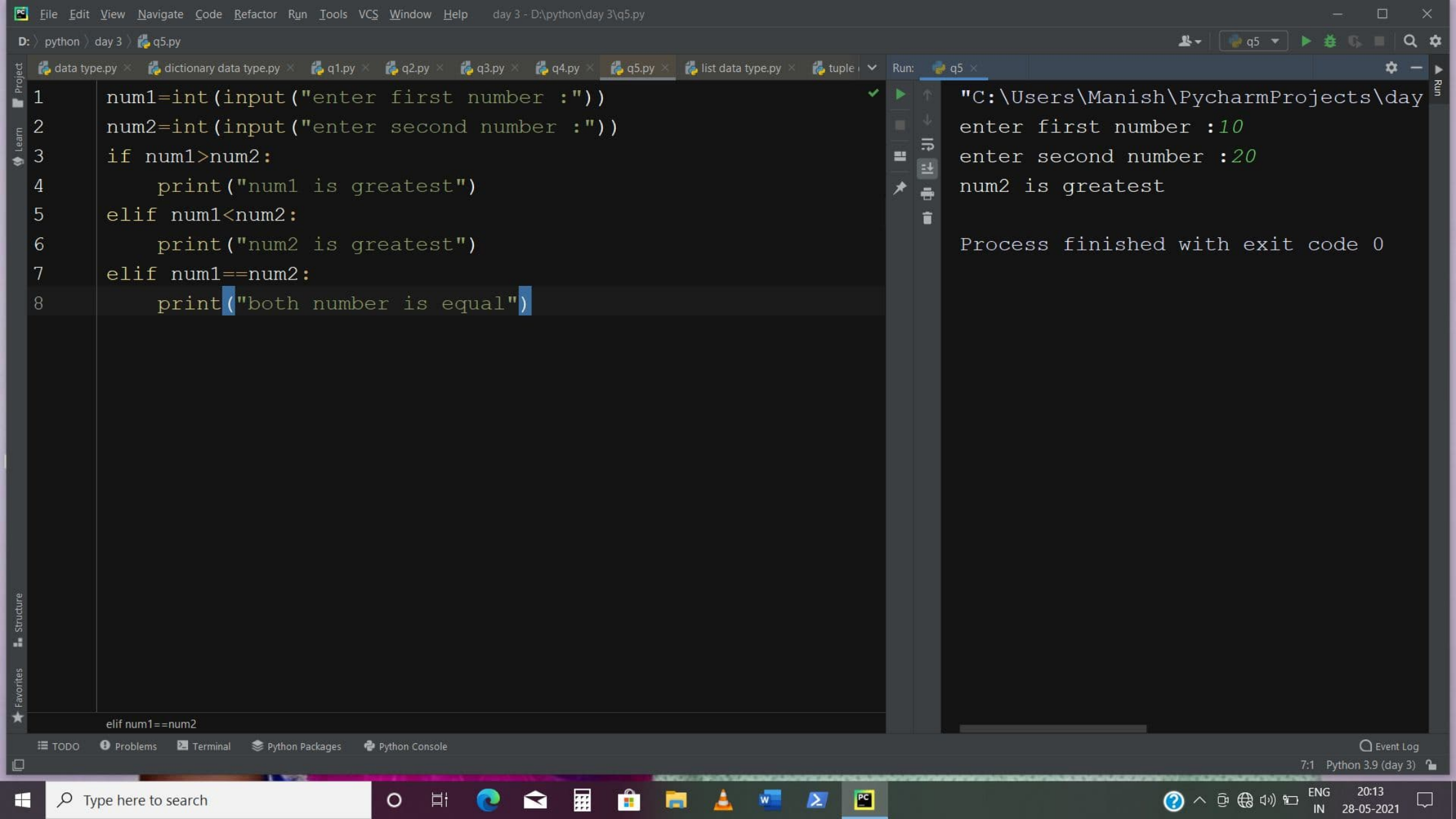


```
1 year = int(input("enter a year :"))
2 if (year%4)==0:
3     if (year%100)==0:
4         if (year % 400) == 0:
5             print("{0} is leap year".format(year))
6         else:
7             print("{0} is not leap year".format(year))
8     else:
9         print("{0} is leap year".format(year))
10 else:
11     print("{0} is not leap year".format(year))
12
13
```

"C:\Users\Manish\PycharmProjects\day
enter a year :2021
2021 is not leap year
Process finished with exit code 0



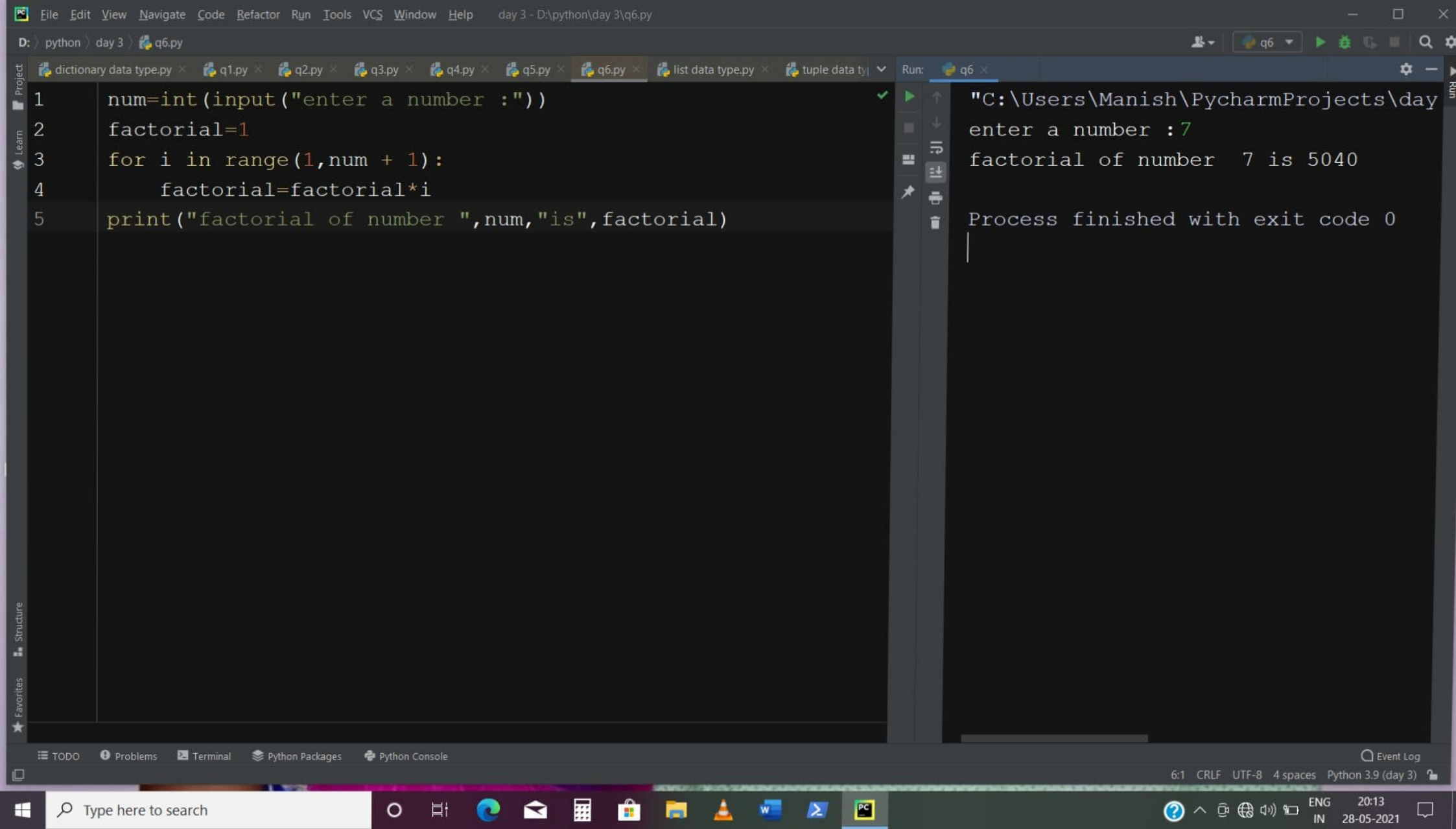


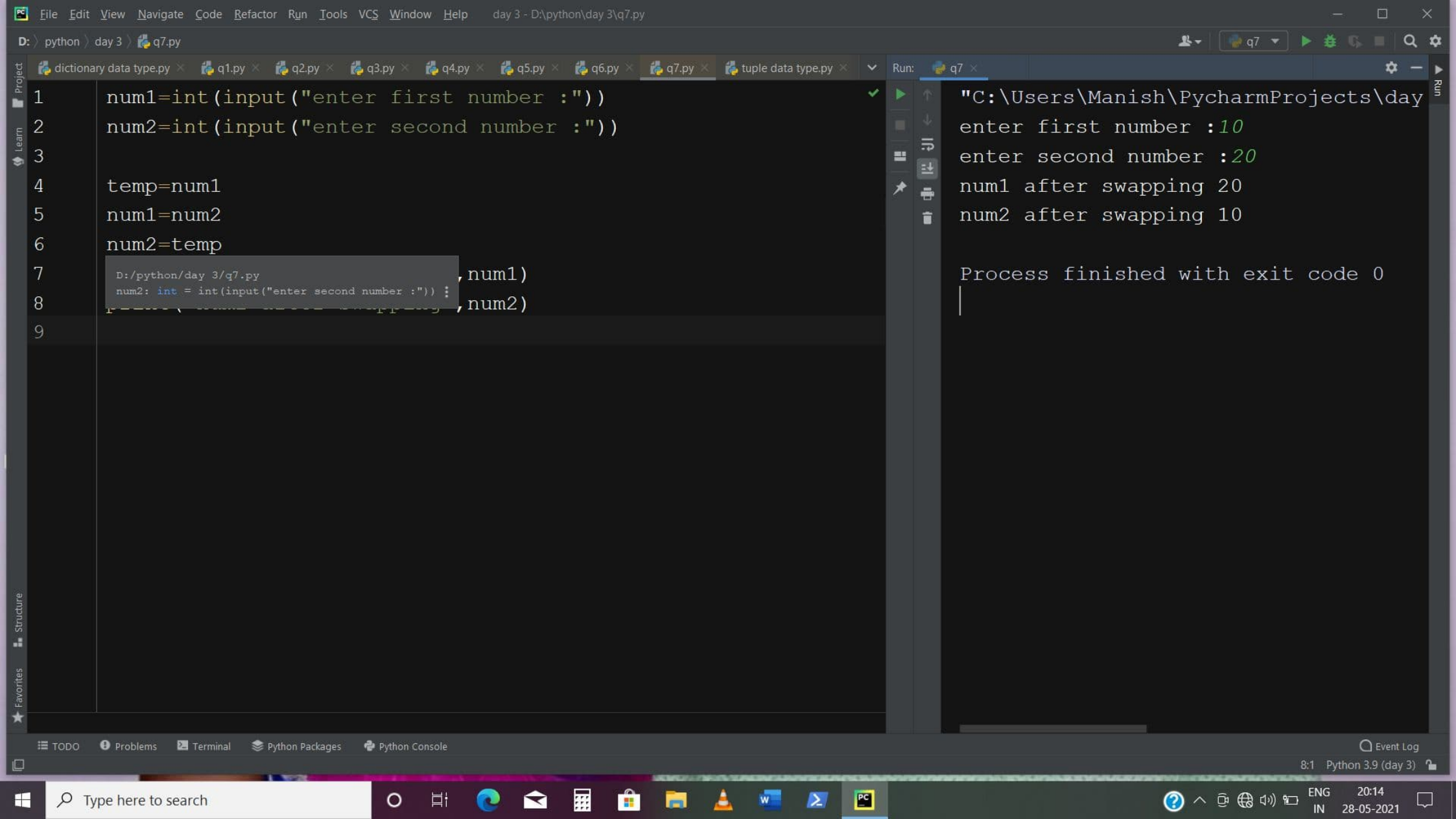
```
1 num1=int(input("enter first number :"))
2 num2=int(input("enter second number :"))
3 if num1>num2:
4     print("num1 is greatest")
5 elif num1<num2:
6     print("num2 is greatest")
7 elif num1==num2:
8     print("both number is equal")
```

Run: q5

```
"C:\Users\Manish\PycharmProjects\day
enter first number :10
enter second number :20
num2 is greatest

Process finished with exit code 0
```

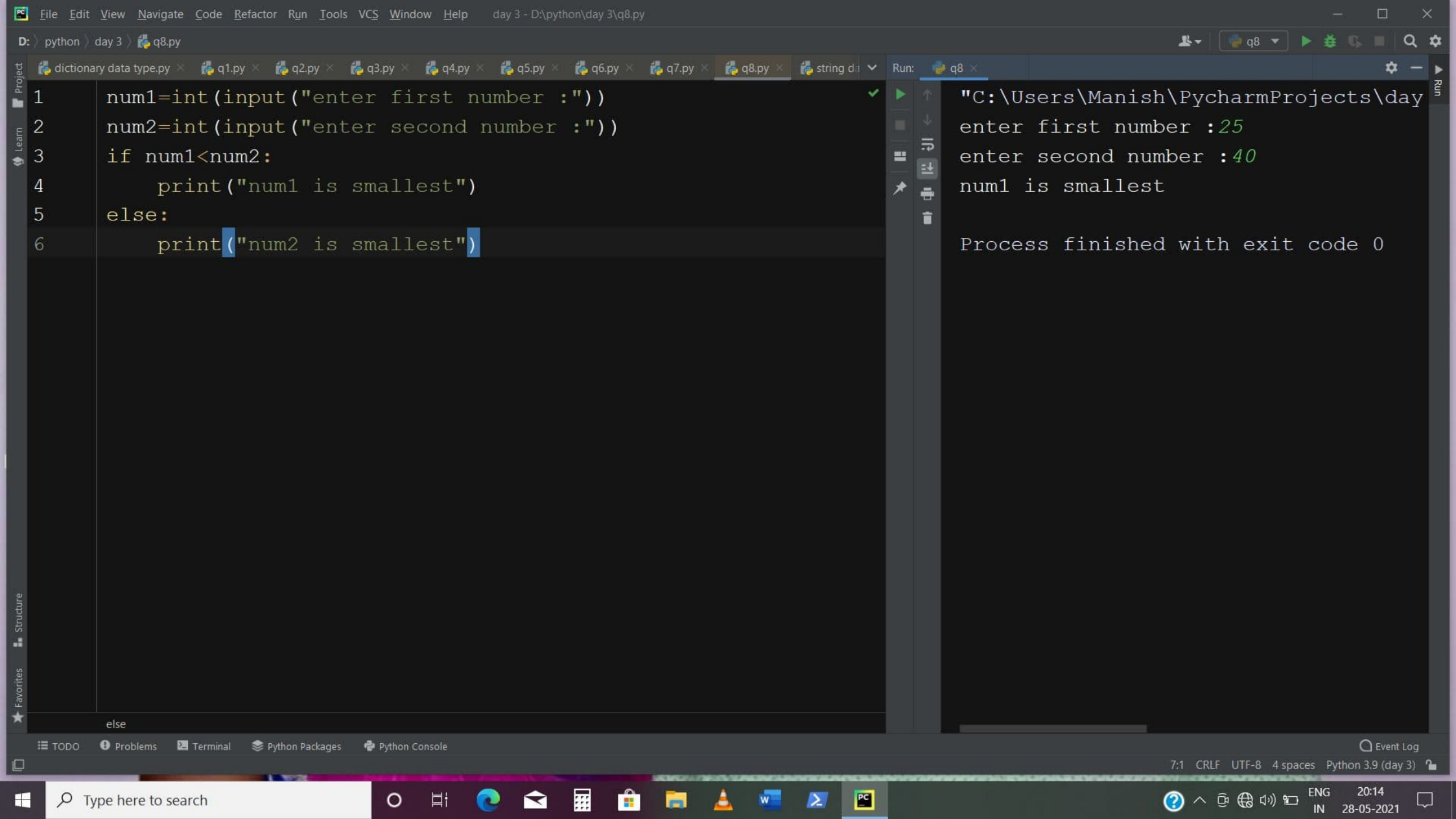



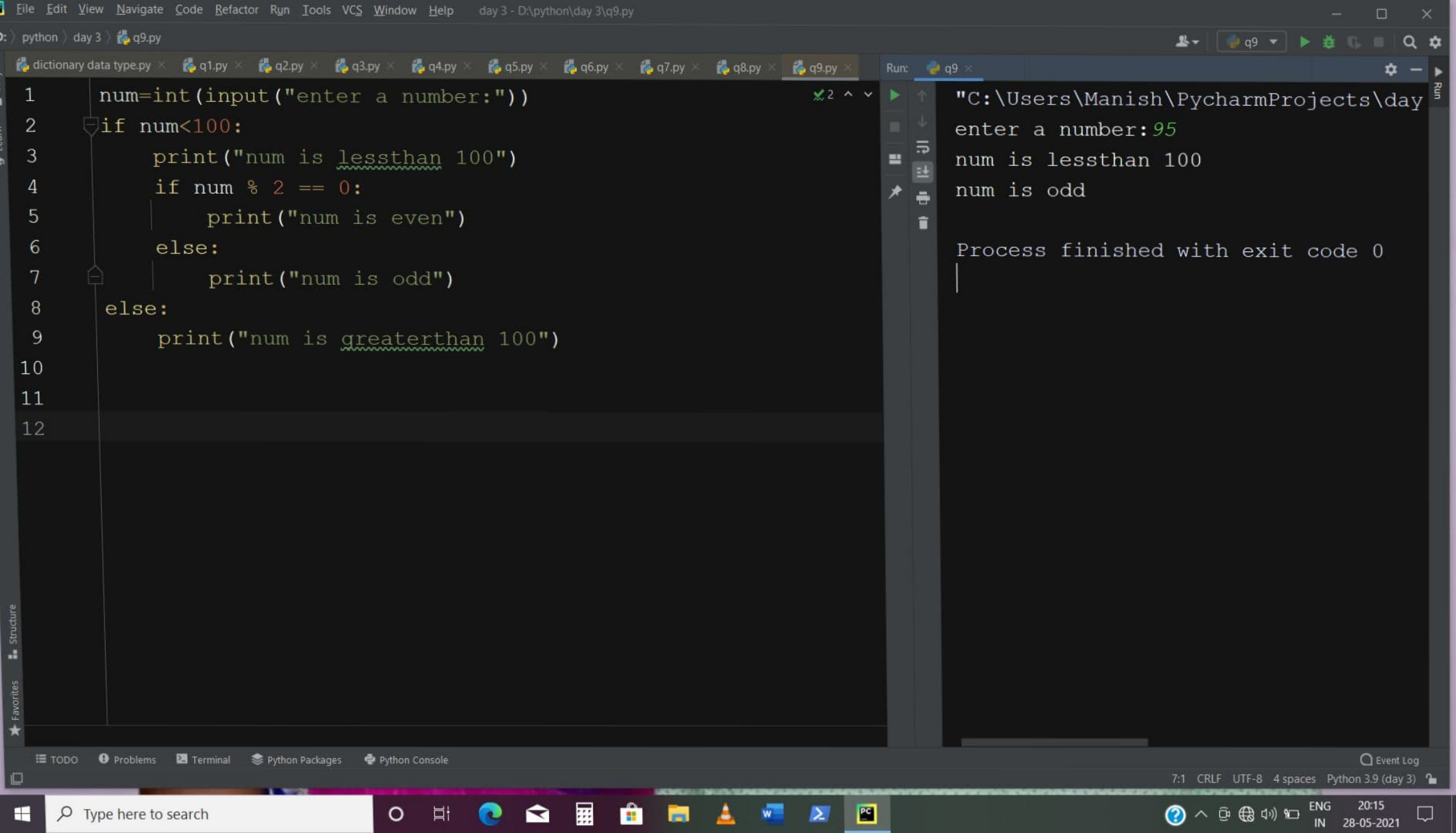


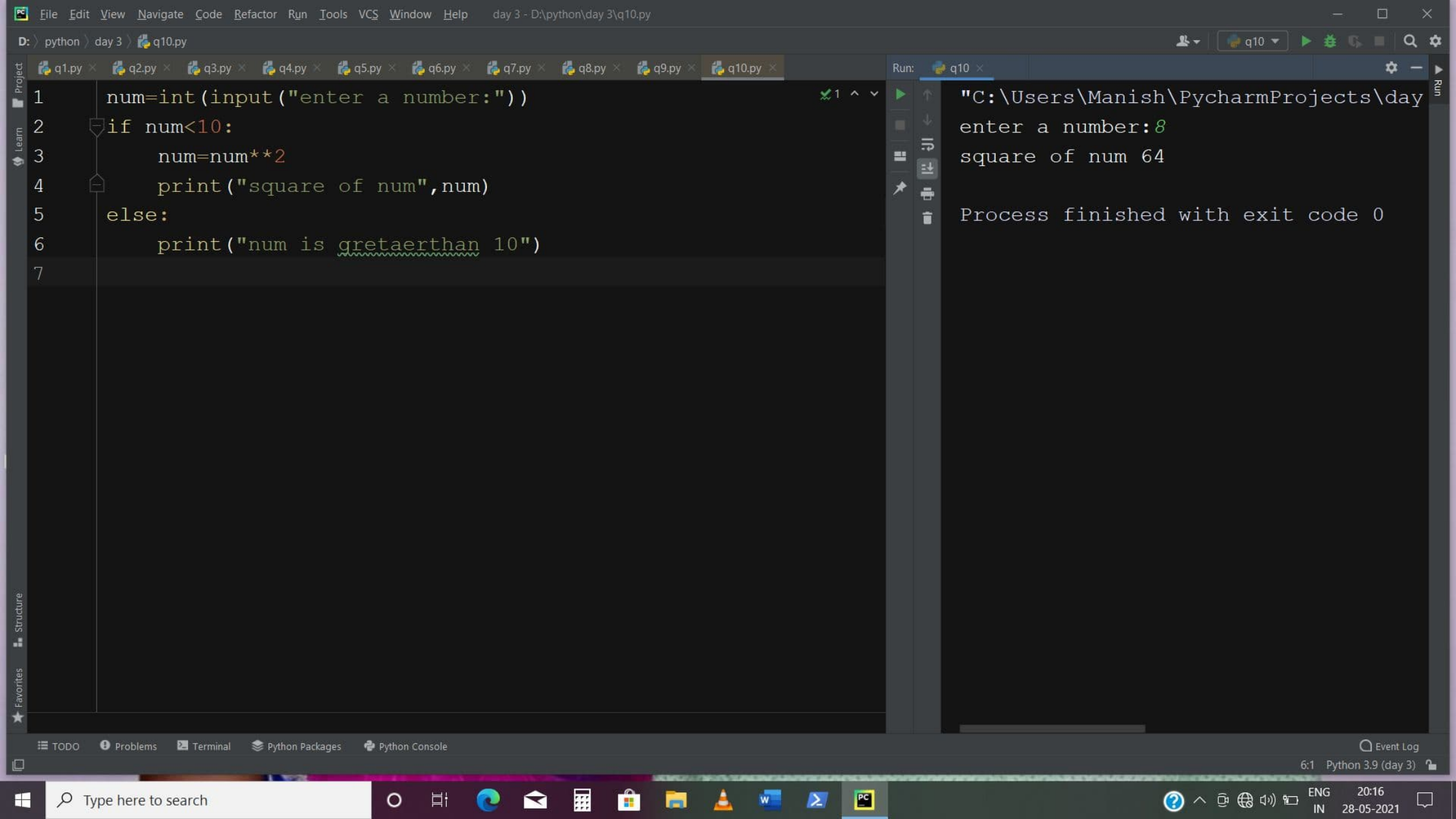
```
1 num1=int(input("enter first number :"))
2 num2=int(input("enter second number :"))
3
4 temp=num1
5 num1=num2
6 num2=temp
7
8 num1)
9 num2)
```

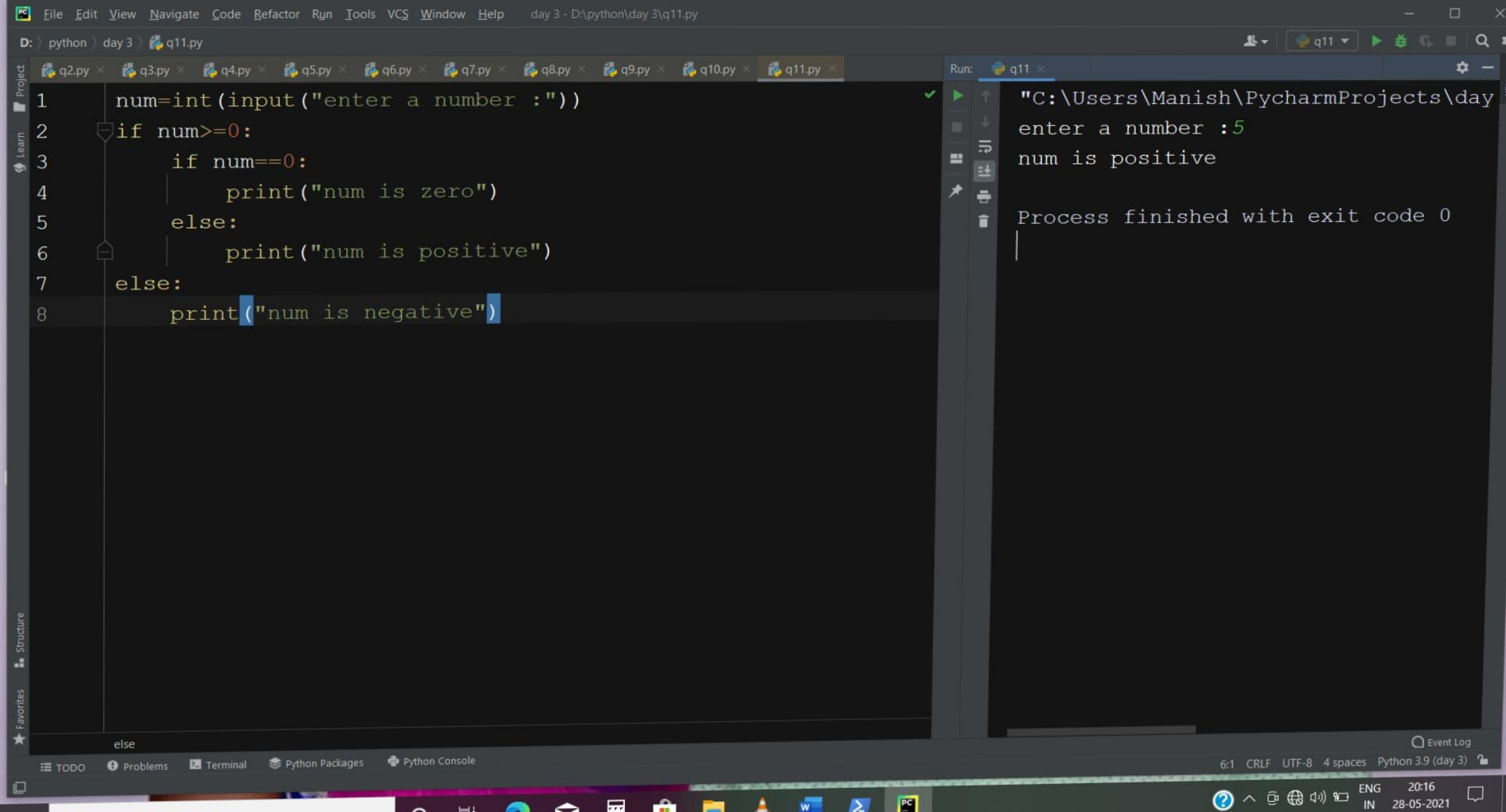
```
"C:\Users\Manish\PycharmProjects\day
enter first number :10
enter second number :20
num1 after swapping 20
num2 after swapping 10

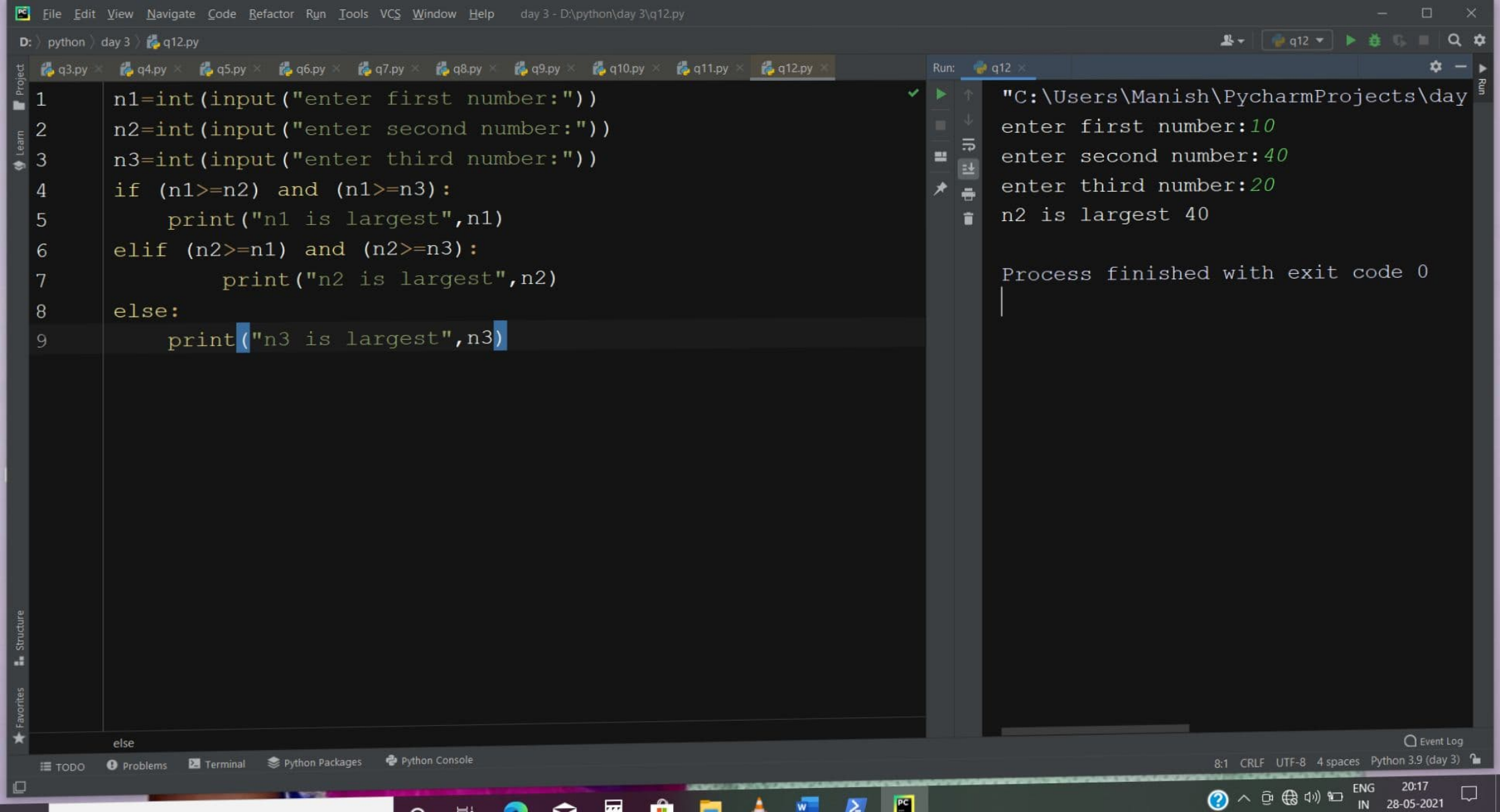
Process finished with exit code 0
|
```











```
1 n1=int(input("enter first number:"))
2 n2=int(input("enter second number:"))
3 n3=int(input("enter third number:"))
4 if (n1>=n2) and (n1>=n3):
5     print("n1 is largest",n1)
6 elif (n2>=n1) and (n2>=n3):
7     print("n2 is largest",n2)
8 else:
9     print("n3 is largest",n3)
```

```
"C:\Users\Manish\PycharmProjects\day
enter first number:10
enter second number:40
enter third number:20
n2 is largest 40
```

```
Process finished with exit code 0
```

