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STUDENT REGISTRATION NUMBER	251U1R2064	CLASS: CSE(AIML)
PROGRAM	UG	YEAR and TERM: 1 <sup>st</sup> year & 1 <sup>st</sup> term
SUBJECT NAME	Problem solving with python	
NAME OF THE ASSESSMENT	Reflective lab journal-2	
DATE OF SUBMISSION	28.10.25	

## WEEK-II

Program for printing eligibility for voting

program for printing eligibility for voting:-

# if else program

age = int(input('enter age'))

if (age >= 18):

print('eligible for voting')

else:

print('not eligible')

Output:-

enter age 14

not eligible

enter age 25

eligible for voting

The image shows a code editor window with a file named `w3.py` open. The code in the editor is a Python script that prompts the user to enter their age and checks if they are eligible for voting based on whether the age is greater than or equal to 18. Below the code editor, a Command Prompt window is open, showing the execution of the script. The user has navigated to the `downloads` directory and run `python w3.py` twice. The first run used the input `14` and resulted in the output `not eligible for voting`. The second run used the input `25` and resulted in the output `eligible for voting`.

```
age=int(input("enter age"))
if(age >=18):
    print('eligible for voting')
else:
    print('not eligible for voting')
```

Ln 2, Col 14 150 characters Plain text 100% Windows (CRLF) UTF-8

Command Prompt

Microsoft Windows [Version 10.0.26100.6899]  
(c) Microsoft Corporation. All rights reserved.

C:\Users\roja>cd downloads

C:\Users\roja\Downloads> python w3.py  
enter age 14  
not eligible for voting

C:\Users\roja\Downloads> python w3.py  
enter age 25  
eligible for voting

C:\Users\roja\Downloads>|

Program to perform arithmetic operations based on 2 input values

program to perform arithmetic operations  
based on 2 input values: -

# arithmetic on two input values

num 1 = int (input ("enter a value"))

num 2 = int (input ("enter b value"))

print (num 1 + num 2)

print (num 1 \* num 2)

print (num 1 \*\* num 2)

print (num 1 / num 2)

print (num 1 % num 2)

Output:-

enter first value 10

enter second value 2

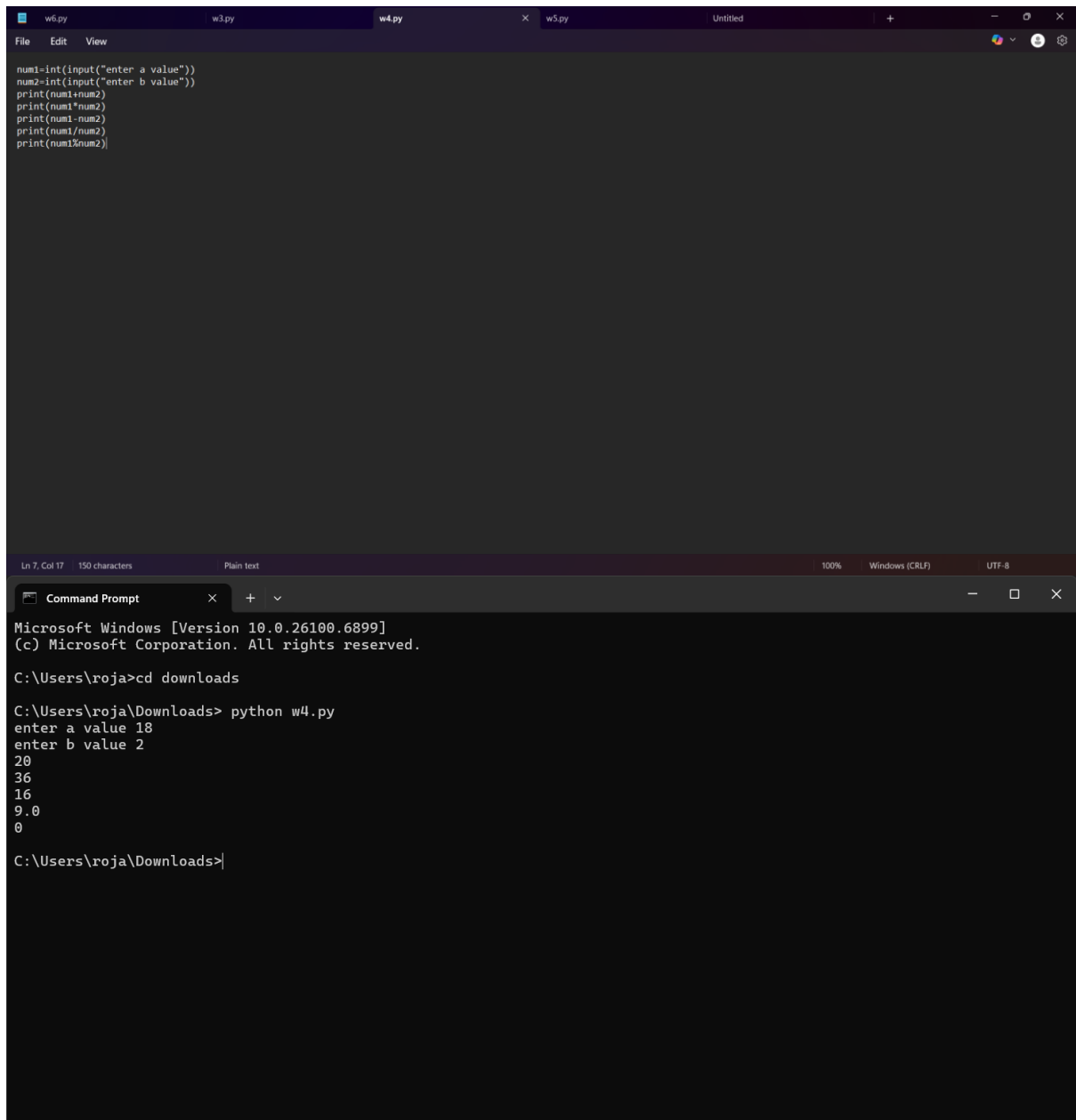
10

6

100

5.0

0



The image shows a code editor window with several tabs. The active tab, 'w4.py', contains the following Python code:

```
num1=int(input("enter a value"))
num2=int(input("enter b value"))
print(num1+num2)
print(num1*num2)
print(num1-num2)
print(num1/num2)
print(num1%num2)
```

Below the code editor is a Command Prompt window. It shows the execution of the program:

```
Microsoft Windows [Version 10.0.26100.6899]
(c) Microsoft Corporation. All rights reserved.

C:\Users\roja>cd downloads

C:\Users\roja\Downloads> python w4.py
enter a value 18
enter b value 2
20
36
16
9.0
0

C:\Users\roja\Downloads>|
```

Program to print largest of 3 values

program to print largest of 3 values:-

# largest of the three

```
a = int(input("enter a value"))
```

```
b = int(input("enter b value"))
```

```
c = int(input("enter c value"))
```

```
if (a >= b and a >= c):
```

```
    largest = a
```

```
elif (b >= a and b >= c):
```

```
    largest = b
```

```
else:
```

```
    largest = c
```

```
print('the largest value is c')
```

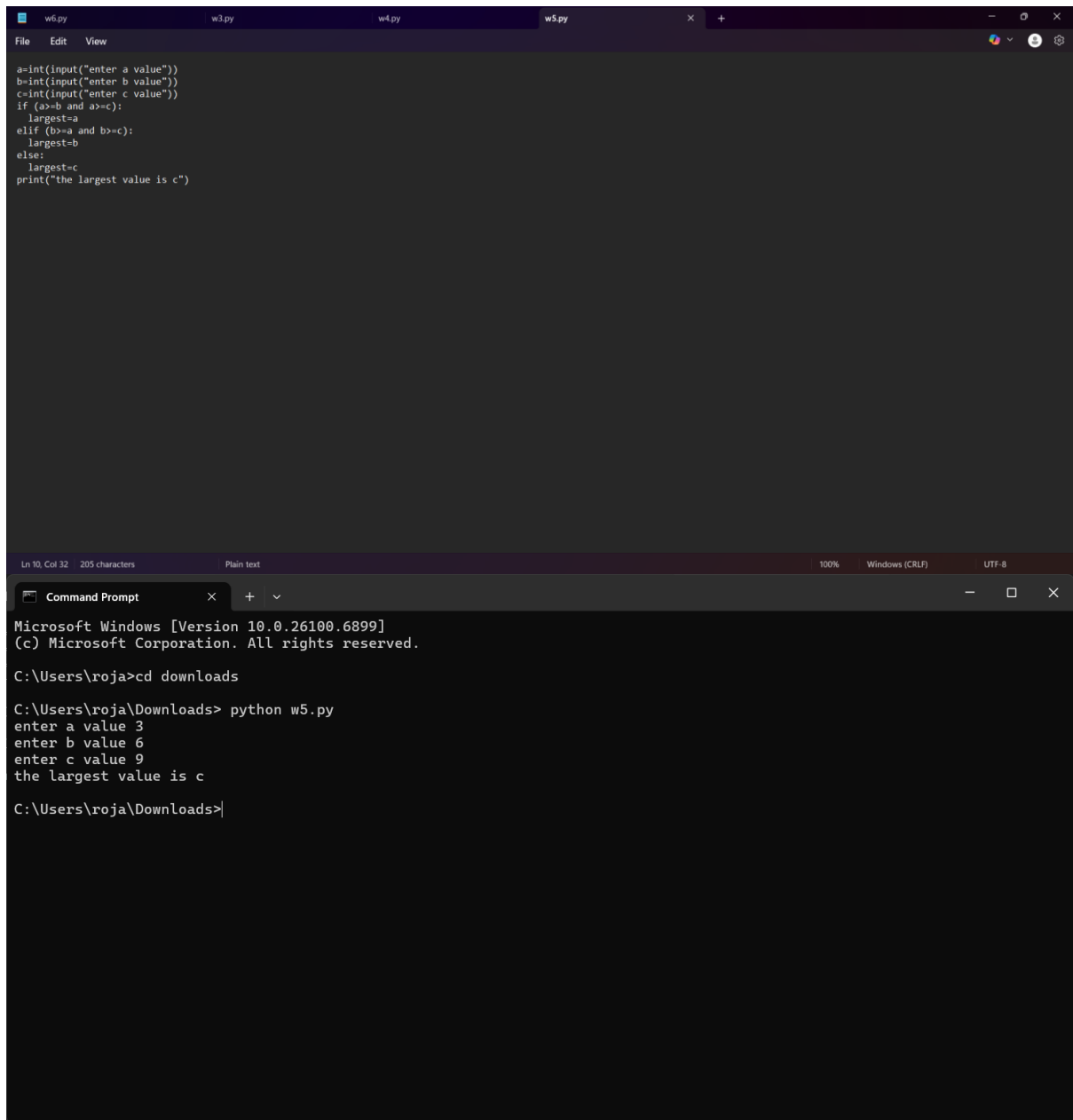
output:-

enter a value 3

enter b value 6

enter c value 9

largest value is c.



The image shows a code editor window with four tabs: w6.py, w3.py, w4.py, and w5.py. The w5.py tab is active and contains the following Python code:

```
a=int(input("enter a value"))
b=int(input("enter b value"))
c=int(input("enter c value"))
if (a>b and a>c):
    largest=a
elif (b>a and b>c):
    largest=b
else:
    largest=c
print("the largest value is c")
```

Below the code editor is a Command Prompt window. It displays the following text:

```
Microsoft Windows [Version 10.0.26100.6899]
(c) Microsoft Corporation. All rights reserved.

C:\Users\roja>cd downloads

C:\Users\roja\Downloads> python w5.py
enter a value 3
enter b value 6
enter c value 9
the largest value is c

C:\Users\roja\Downloads>|
```