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STUDENT REGISTRATION NUMBER	251U1R2064	CLASS: CSE(AIML)
PROGRAM	UG	YEAR and TERM: 1 st year & 1 st 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 screenshot shows a Windows desktop environment. At the top, there are two tabs for code editors: 'w6.py' and 'w3.py'. The 'w3.py' tab is active, displaying the following Python script:

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

Below the editors is a dark-themed Command Prompt window. The title bar says 'Command Prompt'. The window contains 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 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 arthemetic 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 18
```

```
enter second value 2
```

```
10
```

```
6
```

```
16
```

```
4.0
```

```
0
```

The screenshot shows a code editor interface with several tabs open. The tabs include w6.py, w3.py, w4.py, w5.py, and Untitled. The w6.py tab 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 terminal window titled "Command Prompt". The terminal shows the following session:

```
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 screenshot shows a dark-themed code editor with five tabs open at the top: w6.py, w3.py, w4.py, w5.py, and w6.py again. The w5.py tab 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 terminal window titled "Command Prompt". The terminal output is as follows:

```
Ln 10, Col 32 205 characters Plain text 100% Windows (CRLF) UTF-8
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>|
```