

vik.py

```
1 print("Hello,world!") # Output : Hello,world!  
2 print("Python","is","fun",sep="-") #Output : Python-is-fun
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS MEMORY XRTOS

[Running] python -u "c:\Users\HP\Desktop\vik\vik.py"

Hello,world!

Python-is-fun

vik.py > ...

```
3  
4  name= input("Enter your name: ")  
5  print("Hello, "+ name)
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   MEMORY   XRTOS

```
PS C:\Users\HP\Desktop\vik> & C:/Python313/python.exe c:/Users/HP/Desktop/vik/vik.py  
Enter your name: raju  
Hello, raju
```

vik.py > ...

6

7 `age=int(input("Enter your age: "))` # Converts input to an integer

8 `print("Your age is:",age)`

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

MEMORY

XRTOS

PS C:\Users\HP\Desktop\vik> & C:/Python313/python.exe c:/Users/HP/Desktop/vik/vik.py

Enter your age: 19

Your age is: 19

vik.py > ...

```
10 a=5
11 b=2
12 print(a+b) # Addition
13 print(a-b) # Subtraction
14 print(a*b) # Multiplication
15 print(a/b) # Division
16 print(a//b) # Floor division
17 print(a%b) # Modulus
18 print(a**b) # Exponentiation
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PS C:\Users\HP\Desktop\vik> & C:/Python313/python

7

3

10

2.5

2

1

25

vik.py > ...

```
20 age = 18
21 if age >= 18:
22     print("You are an adult.")
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

MEMORY

XRTOS

PS C:\Users\HP\Desktop\vik> & C:/Python313/python.exe c:/Users/HP/Desktop/vik/vik.py

You are an adult.

vik.py > ...

```
35 marks = 85
36 if marks >= 90:
37     print("Grade A")
38 elif marks >= 75:
39     print("Grade B")
40 else:
41     print("Grade C")
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

MEMORY

XRTOS

PS C:\Users\HP\Desktop\vik> & C:/Python313/python.exe c:/Users/HP/Desktop/vik/vik.py

Grade B

vik.py > ...

```
42     for i in range(5): #0 to 4
43         print(i)
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PS C:\Users\HP\Desktop\vik> & C:/Python313/p

0

1

2

3

4

vik.py > ...

```
45     x=5
```

```
46     while x > 0:
```

```
47         print(x)
```

```
48         x-=1
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

PS C:\Users\HP\Desktop\vik> & C:\A

5

4

3

2

1



vik.py > ...

```
50 for i in range(5):  
51     if i ==3:  
52         break # stops loop when i = 3  
53     print(i)
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

PS C:\Users\HP\Desktop\vik> & C:/Python313/python.exe

0

1

2

vik.py > ...

```
55     for i in range(5):  
56         if i == 2:  
57             continue # skips loop i = 2  
58         print(i)
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

PS C:\Users\HP\Desktop\vik> & C:/Python313/python.exe

0

1

3

4

vik.py > ...

23

24 num = 10

25 if num%2 == 0:

26 | print("Even")

27 else:

28 | print("Odd")

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

MEMORY

XRTOS

PS C:\Users\HP\Desktop\vik> & C:/Python313/python.exe c:/Users/HP/Desktop/vik/vik.py  
Even