

ASSIGNMENT - Python Functions: Calling a function

Q. Create a simple function and call it correctly.

Task:

Define a function called calculate_area that accepts two arguments: length and width.

The function should calculate the area (length * width) and return the result. Call the function with example values (e.g., \$10\$ and \$5\$) and print the result.



```
# Function definition def
calculate_area(length,
width):
    area = length * width
return area
```

```
# Example usage
length = int(input("Enter the length of the rectangle:
"))
width = int(input("Enter the width of the
rectangle: "))
```

```
result = calculate_area(length, width)
print(f"The area of a rectangle
with length {length} and width {width} is: {result}")
result =
calculate_area(10, 5)
print(f"The area of a rectangle with length 10
and width 5 is: {result}")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\Harsh Parmar\PYTHON LAB> & "C:\Users\Harsh Parmar\AppData\Local\Programs\Python\Python313\python.exe" "c:/Us
LAB/PythonFunctions.py"
Enter the length of the rectangle: 19
Enter the width of the rectangle: 22
The area of a rectangle with length 19 and width 22 is: 418
The area of a rectangle with length 10 and width 5 is: 50
PS C:\Users\Harsh Parmar\PYTHON LAB>
```

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