

## 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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