

Python Functions & Argument Passing Assignment

Function Calling & Basic Operations

Function definition

```
def calculate_area(length, width):
```

```
    area = length * width
```

```
    return area
```

Example usage with user input

```
length = int(input("Enter the length of the rectangle: "))
```

```
width = int(input("Enter the width of the rectangle: "))
```

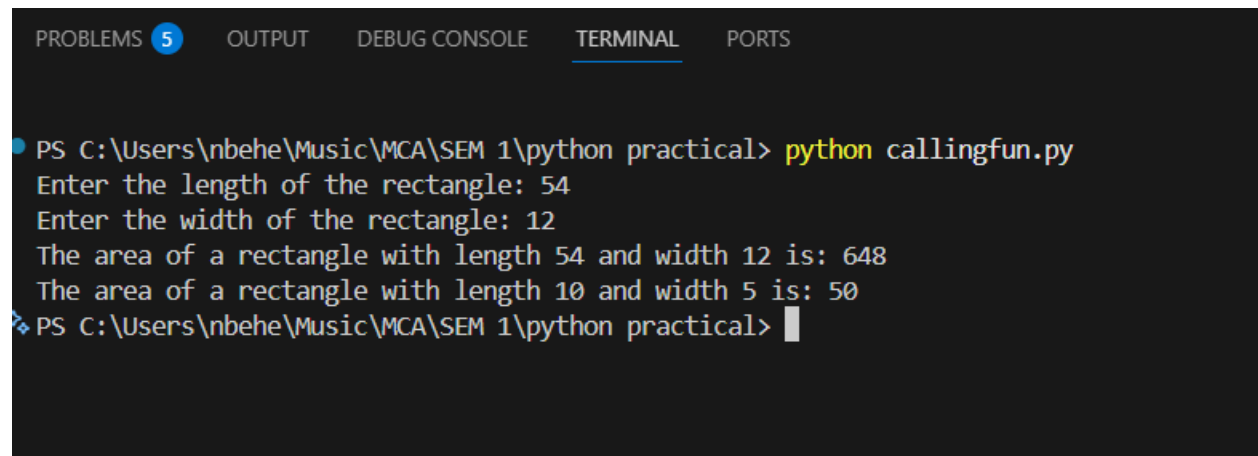
```
result = calculate_area(length, width)
```

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

Example usage with fixed values

```
result = calculate_area(10, 5)
```

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



The screenshot shows a code editor with a dark theme. At the top, there are tabs for 'PROBLEMS' (with a blue circle containing the number 5), 'OUTPUT', 'DEBUG CONSOLE', 'TERMINAL' (which is selected and underlined), and 'PORTS'. The terminal window displays the following text:

```
PS C:\Users\nbehe\Music\MCA\SEM 1\python practical> python callingfun.py
Enter the length of the rectangle: 54
Enter the width of the rectangle: 12
The area of a rectangle with length 54 and width 12 is: 648
The area of a rectangle with length 10 and width 5 is: 50
❖ PS C:\Users\nbehe\Music\MCA\SEM 1\python practical> 
```