


Marvin B. Waro BSCS 3B

Activity 3

 **jupyter** Activity3 Last Checkpoint: 9 hours ago (autosaved)

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```
In [1]: # Marvin B. Waro BSCS 3B
        # Activity 3 3.1

        n = int(input("Enter Number: "))
        print((n >= 100) == True)
```

```
Enter Number: 99
False
```

```
In [2]: # Marvin B. Waro BSCS 3B
        # Activity 3 3.2

        string = input("Enter a String: ")
        message_upper = 'Spathiphyllum'
        message_lower = 'spathiphyllum'

        if string == message_upper:
            print("Yes - Spathiphyllum is the best plant ever!")
        elif string == message_lower:
            print("No, I want a big Spathiphyllum!")
        elif string != (message_upper and message_lower):
            print("Spathiphyllum! Not", string, "!")
        else:
            print("Invalid")
```

```
Enter a String: Sunflower
Spathiphyllum! Not Sunflower !
```

```
In [4]: # Marvin B. Waro BSCS 3B
        # Activity 3 3.3

        income = float(input("Enter the annual income: "))
        if income <= 85528:
            tax = (income - 556.02) * 0.18
        else:
            tax = (income - 85528) * 0.32 + 14839.02

        tax = round(tax, 0)
        print("The tax is:", tax, "thalers")
```

```
Enter the annual income: 100000
The tax is: 19470.0 thalers
```