**Name:** Muhammad Hussain

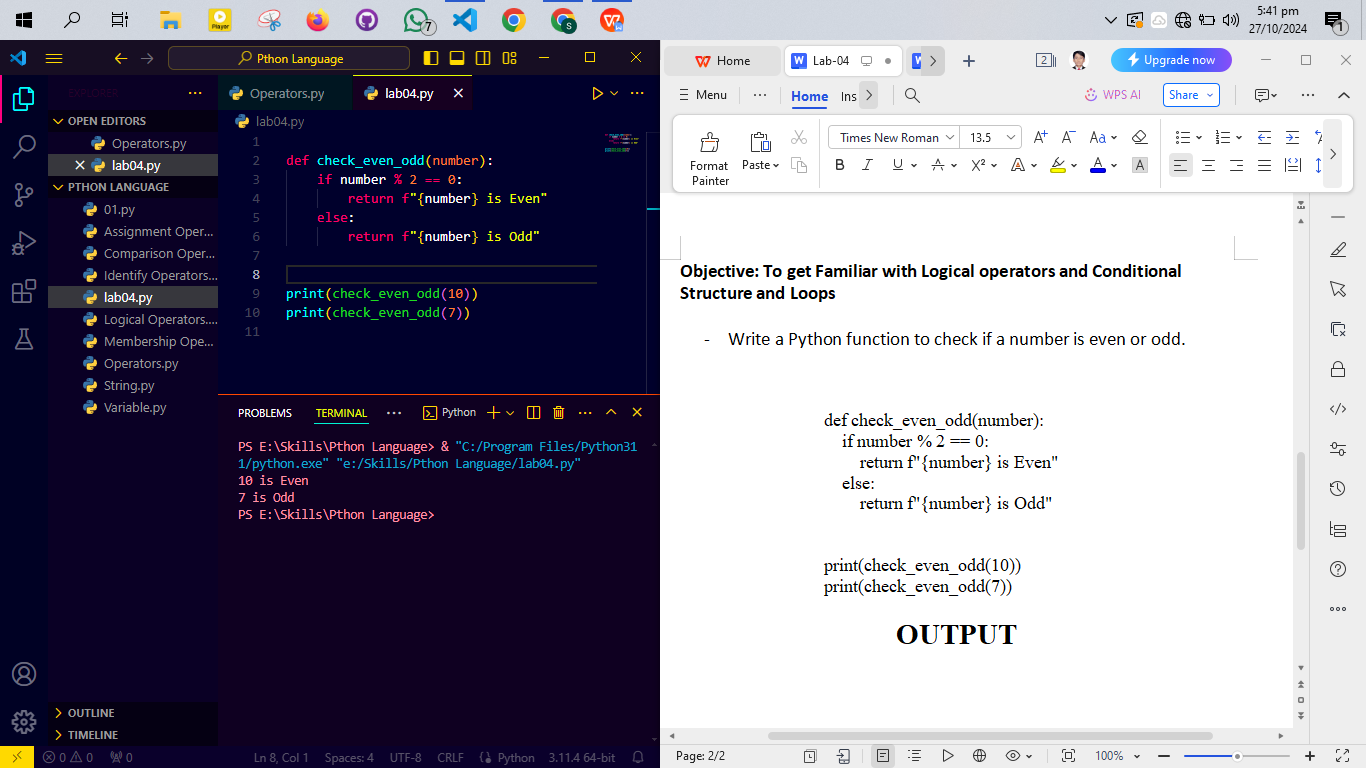
**Class:** BSIT-3A

**Section:** A

**Lab Title:**  Artificial Intelligence

**Lab:** 04

**Instructor:** Mam Aqsa Umar



**Objective: To get Familiar with Logical operators and Conditional Structure and Loops**

* Write a Python function to check if a number is even or odd.

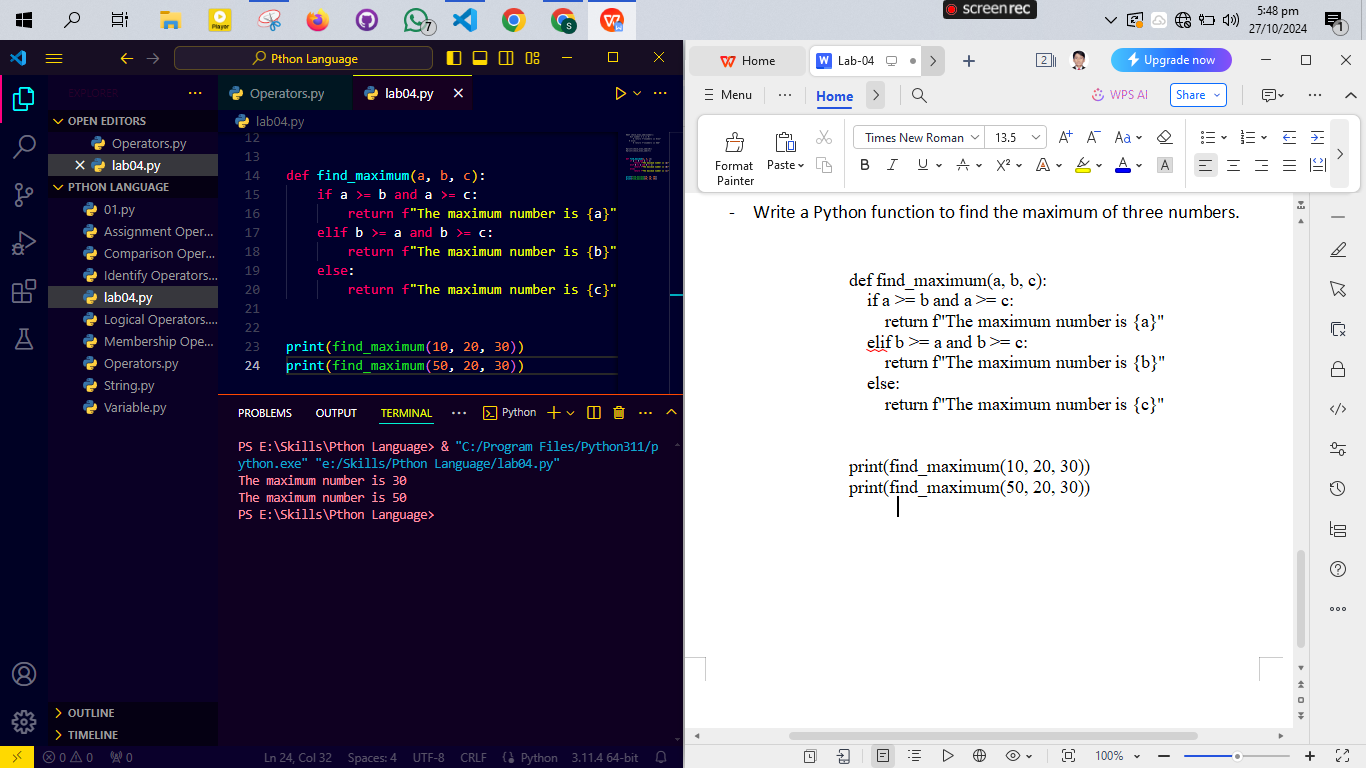
def check\_even\_odd(number):  
    if number % 2 == 0:  
        return f"{number} is Even"  
    else:  
        return f"{number} is Odd"  
  
  
print(check\_even\_odd(10))  
print(check\_even\_odd(7))

**OUTPUT**

* Write a Python function to find the maximum of three numbers.

def find\_maximum(a, b, c):  
    if a >= b and a >= c:  
        return f"The maximum number is {a}"  
    elif b >= a and b >= c:  
        return f"The maximum number is {b}"  
    else:  
        return f"The maximum number is {c}"  
  
  
print(find\_maximum(10, 20, 30))  
print(find\_maximum(50, 20, 30))

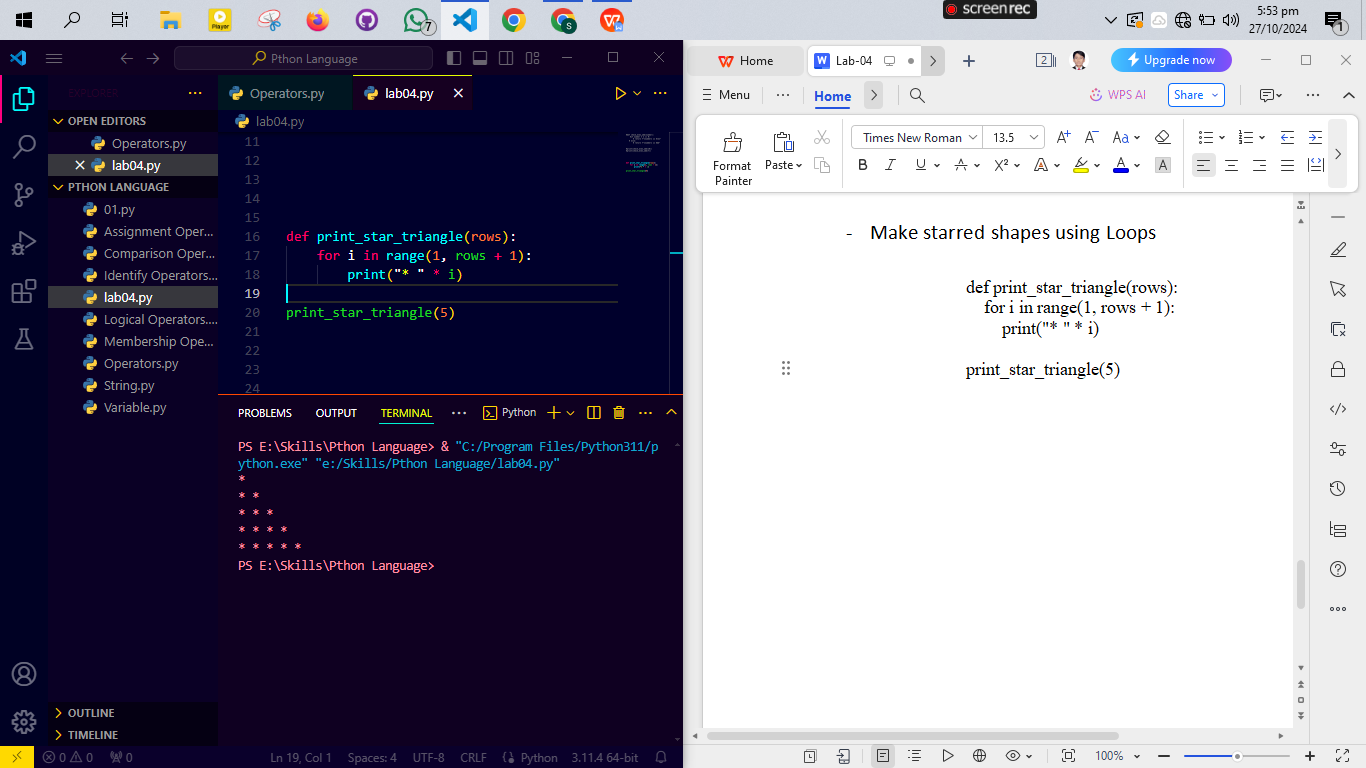
**OUTPUT**

****

* Make starred shapes using Loops

def print\_star\_triangle(rows):  
    for i in range(1, rows + 1):  
        print("\* " \* i)  
  
print\_star\_triangle(5)

**OUTPUT**

****