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Section: "A"

Lab : 04

Subject: Artificial Intelligence

Program: BS-IT

Task 01: Write a Python function to check if a number is even or odd.

Code :

```
number = int(input("Enter a number: "))  
✓ if number % 2 == 0:  
    print(f"The number {number} is Even.")  
✓ else:  
    print(f"The number {number} is Odd.")
```

Result:

```
Enter a number: 10  
The number 10 is Even.  
PS D:\Users\junaid\Desktop  
Enter a number: 5  
The number 5 is Odd.
```

Task 02: Write a Python function to find the maximum of three numbers.

Code :

```
def find_max_of_three(num1, num2, num3):  
    if num1 >= num2 and num1 >= num3:  
        return num1  
    elif num2 >= num1 and num2 >= num3:  
        return num2  
    else:  
        return num3  
  
a = 10  
b = 25  
c = 15  
max_value = find_max_of_three(a, b, c)  
print(f"The maximum of {a}, {b}, and {c} is {max_value}.")
```

Result:

```
The maximum of 10, 25, and 15 is 25.
```

