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DEPARTMENT : INFORMATION TECHNOLOGY
SUBJECT : ARTIFICIAL TECHNOLOGY

LAB:7

TASK:1

Write a function that takes two numbers and returns their product.

```
def multiply(a, b):  
    return a * b  
result = multiply(5, 4)  
print(f"The product of 5 and 4 is: {result}")
```

OUTPUT

```
The product of 5 and 4 is: 20  
  
=== Code Execution Successful ===
```

TASK:2

Write a function that checks whether a number is even or odd.

```
def is_even_or_odd(number):  
    if number % 2 == 0:  
        return "Even"  
    else:  
        return "Odd"  
result = is_even_or_odd(7)  
print(f"7 is {result}.")
```

OUTPUT

```
7 is Odd.
```

```
=== Code Execution Successful ===
```

TASK:3

Write a function that takes a name and age and prints a greeting.

```
def greet(name, age):  
    print(f"Hello, {name}! You are {age} years old.")  
greet("AWANTIKA", 21)
```

OUTPUT

```
Hello, AWANTIKA! You are 21 years old.
```

```
=== Code Execution Successful ===
```