## LAB-3 Programming Statements

# **1. Using input() function take one number from the user and using ternary operators check whether the number is even or odd**

number = int(input("Enter a number: "))

result = "Even" if number % 2 == 0 else "Odd"

print(f"The number is {result}.")

## OUTPUT

**Enter a number: 567**

## The number is Odd.

# **2. Using input function take two number and then swap the number**

4s

num1 = int(input("Enter the first number: "))

num2 = int(input("Enter the second number: "))

temp = num1

num1 = num2

num2 = temp

print(f"After swapping: First number = {num1}, Second number = {num2}")

OUTPUT

**Enter the first number: 67**

**Enter the second number: 76**

**After swapping: First number = 76, Second number = 67**

# **3. Write a Program to Convert Kilometers to Miles**

kilometers = float(input("Enter distance in kilometers: "))

miles = kilometers \* 0.621371

print(f"{kilometers} kilometers is equal to {miles} miles.")

**OUTPUT**

**Enter distance in kilometers: 64347**

**64347.0 kilometers is equal to 39983.359737 miles.**

# **4. Find the Simple Interest on Rs. 200 for 5 years at 5% per year.**

P = 200

R = 5

T = 5

SI = (P \* R \* T) / 100

print(f"The Simple Interest is Rs. {SI}.")

**OUTPUT**

**The Simple Interest is Rs. 50.0.**