LAB-3

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

Program:

```python
num1= int(input("Enter the number:" ))
result = "Even" if num1 % 2 == 0 else "Odd"
print(result)
```

Result:

```
Enter the number:3
    Odd

Enter the number:6
    Even
```

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

Program:

```python
num1 = input("Enter the first number: ")
num2 = input("Enter the second number: ")

num1, num2 = num2, num1

print("After swapping:")
print("First number:", num1)
print("Second number:", num2)
```

Result:

```
Enter the first number: 12
Enter the second number: 13
After swapping:
First number: 13
Second number: 12
```

3.Write a Program to Convert Kilometers to Miles.

Program:

```python
kilometers = float(input("Enter the distance in kilometers: "))

miles = kilometers * 0.621371

print("Value of Kilometers to Miles  : ", miles)
```

Result:

```
Enter the distance in kilometers: 22
Value of Kilometers to Miles  :  13.670162
```

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

Program:

```python
P = 200   # Principal amount in Rs
R = 5     # Rate of interest in percent
T = 5     # Time period in years

# Simple Interest formula
SI = (P * R * T) / 100

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

Result:

```
The Simple Interest is Rs. 50.0
```