In [1]:
```python
#1. Using input() function take one number from the user and using ternary

# Taking input from the user
number = int(input("Enter a number: "))

# Using ternary operator to check even or odd
result = "Even" if number % 2 == 0 else "Odd"
print(f"The number is {result}.")
```

```
Enter a number: 3
The number is Odd.
```

In [3]:
```python
#2. Using input function take two number and then swap the number

# Taking input from the user
num1 = input("Enter the first number: ")
num2 = input("Enter the second number: ")

# Swapping numbers
num1, num2 = num2, num1

# Displaying swapped numbers
print(f"After swapping: First number is {num1} and Second number is {num2}"
```

```
Enter the first number: 5
Enter the second number: 3
After swapping: First number is 3 and Second number is 5
```

In [5]:
```python
#3. Write a Program to Convert Kilometers to Miles

# Taking input from the user in kilometers
kilometers = float(input("Enter distance in kilometers: "))

# Conversion factor
conv_factor = 0.621371

# Calculating miles
miles = kilometers * conv_factor

# Displaying the result
print(f"{kilometers} kilometers is equal to {miles} miles.")
```

```
Enter distance in kilometers: 1000
1000.0 kilometers is equal to 621.371 miles.
```

In [6]:
```
#4. Find the Simple Interest on Rs. 200 for 5 years at 5% per year

# Given values
principal = 200  # Rs. 200
rate = 5         # 5% per year
time = 5         # 5 years

# Calculating simple interest
simple_interest = (principal * rate * time) / 100

# Displaying the result
print(f"The simple interest on Rs. {principal} for {time} years at {rate}%
```

```
The simple interest on Rs. 200 for 5 years at 5% per year is Rs. 50.0.
```