In [1]:
```python
#1.Declare a div() function with two parameters. Then call the function and
def div(a, b):
    if b != 0:
        result = a / b
        print(f"The division of {a} by {b} is: {result}")
    else:
        print("Division by zero is not allowed.")

# Call the function with two numbers
div(10, 2)
```

```
The division of 10 by 2 is: 5.0
```

In [3]:
```python
#2. Declare a square() function with one parameter. Then call the function
def square(x):
    result = x * x
    print(f"The square of {x} is: {result}")

# Call the function with one number
square(5)
```

```
The square of 5 is: 25
```

In [5]:
```python
#3. Using max() and min() functions, display the maximum and minimum of 5 r
import random

# Generate 5 random numbers
random_numbers = [random.randint(1, 100) for _ in range(5)]

# Display the random numbers
print(f"Random numbers: {random_numbers}")

# Display the maximum and minimum values
print(f"The maximum value is: {max(random_numbers)}")
print(f"The minimum value is: {min(random_numbers)}")
```

```
Random numbers: [38, 97, 99, 79, 77]
The maximum value is: 99
The minimum value is: 38
```

In [7]:
```python
#4. Accept a name from the user and display that in lowercase using the low
# Accept a name from the user
name = input("Enter your name: ")

# Display the name in lowercase
print(f"Your name in lowercase is: {name.lower()}")
```

```
Enter your name: AJAY
Your name in lowercase is: ajay
```