In [4]:

```
print("Assignment operations")
a = int(input("Enter a number (a)"))
b = int(input("Enter a number (b)"))
print("Addition a+b=", a+b)
print("Subtraction a-b=", a-b)
print("Multiplication a*b=", a*b)
print("Division a/b=", a/b)
print("Modulus a%b=", a%b)
print("Floor division a//b=", a//b)
print("Exponent a**b=", a**b)
```

```
Assignment operations
Enter a number (a)4
Enter a number (b)2
Addition a+b= 6
Subtraction a-b= 2
Multiplication a*b= 8
Division a/b= 2.0
Modulus a%b= 0
Floor division a//b= 2
Exponent a**b= 16
```

In [14]:

```
print("Created a list")
nums = [13,4,55,23,98,3,24]
print(nums)
print("Accessing elements in a list using for loop")
for num in nums:
    print(num)
print("Number of elements in the list", len(nums))
print("\nMAXIMUM element in the list", max(nums))
print("\nMINIMUM element in the list", min(nums))
print("\nList sorted in ascending order")
nums.sort()
print(nums)
```

```
Created a list
[13, 4, 55, 23, 98, 3, 24]
Accessing elements in a list using for loop
13
4
55
23
98
3
24
Number of elements in the list 7

MAXIMUM element in the list 98

MINIMUM element in the list 3

List sorted in ascending order
[3, 4, 13, 23, 24, 55, 98]
```

In [21]:

```
print("Created dictionary")
names = {10:'srinu',11:'vasu',12:'tejaswi',13:'subbu'}
print(names)
print("\nTo retrieve only keys from dictionary")
print(names.keys())
print("\nprint keys using for loop")
for key in names.keys():
    print(key)
print("\nTo retrieve only values from dictionary")
print(names.values())
print("\nprint values using for loop")
for value in names.values():
    print(value)
```

```
Created dictionary
{10: 'srinu', 11: 'vasu', 12: 'tejaswi', 13: 'subbu'}

To retrieve only keys from dictionary
dict_keys([10, 11, 12, 13])

print keys using for loop
10
11
12
13

To retrieve only values from dictionary
dict_values(['srinu', 'vasu', 'tejaswi', 'subbu'])

print values using for loop
srinu
vasu
tejaswi
subbu
```