

In [7]:

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#1)Write a program to accept two numbers from the user and calculate multiplication
n1=int(input("Enter the number : "))
n2=int(input("Enter the number : "))
n3=n1*n2
print(f'the multiplication take from the user accept : {n3}')
```

Enter the number : 2
Enter the number : 3
the multiplication take from the user accept : 6

In [11]:

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# 2)Exercise 2: Display three string "Name", "Is", "James" as "Name**Is**James"
print('Name', 'Is', 'James',sep="**")
```

Name**Is**James

In [19]:

```
#3)Exercise 3: Convert Decimal number to octal using print() output formatting
num=8
n4=format(num,'o')
print(f'Convert Decimal number to octal using {num} is {n4}')
```

Convert Decimal number to octal using 8 is 10

In [20]:

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#4)Exercise 4: Display float number with 2 decimal places using print()
num = 458.541315
ro=round(num,2)
print(ro)
```

458.54

In [31]:

```
#5)Exercise 5: Accept a List of 5 float numbers as an input from the user
#[78.6, 78.6, 85.3, 1.2, 3.5]
my_list=[]
for x in range(5):
    num=int(input("Enter the number : "))
    my_list.append(float(num)+x)
print(my_list)
```

Enter the number : 78
Enter the number : 78
Enter the number : 85
Enter the number : 1
Enter the number : 3
[78.0, 79.0, 87.0, 4.0, 7.0]

In [46]:

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#6)Exercise 6: Write all content of a given file into a new file by skipping line number
file_content = """line1
line2
line3
line4
line5
line6
line7"""
with open("Demon.txt","w") as file:
    file.write(file_content)
with open("Demon.txt","r") as file:
    lines=file.readlines()
lines.pop(4)

with open("new_file","w") as file:
    for line in lines:
        file.write(line)
with open("new_file","r") as file:
    lin=file.readlines()
    print(lin)
```

```
['line1\n', 'line2\n', 'line3\n', 'line4\n', 'line6\n', 'line7']
```

In [56]:

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#7)Write a program to take three names as input from a user in the single input() function
# Taking three names as input from user in a single input() function call
n = input("Enter three names separated by spaces: ").split()

# Checking if the list has enough elements
if len(n) >= 3:
    name1 = n[0]
    name2 = n[1]
    name3 = n[2]
    print("name1:", name1)
    print("name2:", name2)
    print("name3:", name3)
else:
    print("Please provide at least three names separated by spaces.")
```

```
Enter three names separated by spaces: sheakar rakesh rama
name1: sheakar
name2: rakesh
name3: rama
```

In [57]:

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#8)Write a program to use string.format() method to format the following three variables
totalMoney = 1000
quantity = 3
price = 450
print("I have {} dollars to buy {} items, each priced at {} dollars.".format(totalMoney,
```

```
I have 1000 dollars to buy 3 items, each priced at 450 dollars.
```

In [73]:

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#9)Write a program to check if the given file is empty or not
with open("devil.txt",'r') as file:
    line=file.readlines()
if len(line)==0:
    print("File empty")
else:
    print("file is not empty")
```

File empty

In [68]:

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#10)Exercise 10: Read line number 4 from the following file

file_in=''line1
line2
line3
line4
line5
line6
line7
'''

with open("pikachu.txt","w") as file:
    file.write(file_in)
with open("pikachu.txt",'r') as file:
    line=file.readlines()
if len(line)>4:
    line4=line[3].strip()
    print(line4)
```

line4