

In [1]:

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#Q1. Implement a python program to take an input message from the user and print it.
s=input("Enter a user message: ")
print(s)
```

Enter a user message: My message
My message

In [4]:

```
#Q2. implement a python program to take two values from user and apply all the arithmetic o
a=input("Enter first value: ")
b=input("Eneter second value:")
x=int(a)
y=int(b)
print(x+y)
print(x-y)
print(x*y)
print(x/y)
```

Enter first value: 20
Eneter second value:30
50
-10
600
0.6666666666666666

In [6]:

```
#Q3. Implement a python program to accept a string from user and create a tuple containing
a=input("Enter value: ")
b=input("Enter 2nd value: ")
c=input("Enter 3rd value: ")
tuple=(a,b,c)
print(tuple)
```

Enter value: Welcome
Enter 2nd value: to
Enter 3rd value: SGU
('Welcome', 'to', 'SGU')

In [7]:

```
"""Q4. Implement a python progrm to create a list containing elements 10, 20, 30, 40, 50
Take an input from user and find out whether that value is present in a list or not"""
List1=[10,20,30,40,50]
a=input("Enter the values to find: ")
x=int(a)
if x in List1:
    print("Exists")
else:
    print("Not exists")
```

Enter the values to find: 40
Exists

In [8]:

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"""Q5. Implement a python program to take name of the student from user and create a
dictionary with key ' name' and value accepted from user. Apply possible
dictionary methods on the same."""
name=input("Enter your name: ")
dict={'Name':name}
print(dict)
```

```
Enter your name: Sumit
{'Name': 'Sumit'}
```

In [9]:

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"""Q6. Implement a python program to create a set containing values ' CSE',' IT',' ETRX','
set."""
a=input("Enter 1st value: ")
b=input("Enter 2nd value: ")
c=input("Enter 3rd value: ")
d=input("Enter 4th value: ")
set1={a,b,c,d}
print(set1)
```

```
Enter 1st value: CSE
Enter 2nd value: IT
Enter 3rd value: ETRX
Enter 4th value: AERO
{'CSE', 'IT', 'ETRX', 'AERO'}
```

In [10]:

```
#Q7.Implement a python program to show different print() function options
print('S','U','M','I','T', sep='#')
print("Hello", end='w')
name='Sumit'
print("\nHello {name}")
print(f'Hello {name}')
```

```
S#U#M#I#T
Hellow
Hello {name}
Hello Sumit
```

In [11]:

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#Q8. Implement a python program to show different print() function formatting options.
a=input("Enter your first name: ")
b=input("Enter your last name: ")
print("Full name: ",a,b)
print("Name",a)
print("First name: ",a, "and Last name is: ",b)
```

```
Enter your first name: Sumit
Enter your last name: Kamble
Full name: Sumit Kamble
Name Sumit
First name: Sumit and Last name is: Kamble
```

In []: