SECTION B

Question No.31

In [5]:
```python
#Getting input from user
fn = input("Input your First Name : ")
ln = input("Input your Last Name : ")

#Display the name
print ("Your name is " + ln + " " + fn)
```

```
Input your First Name : Ganesh Babu
Input your Last Name : Muralimohan
Your name is Muralimohan Ganesh Babu
```

Question No.32

In [13]:
```python
# Store input numbers
n1 = input('Enter Your First Number : ')
n2 = input('Enter Your Second Number: ')

# Add two numbers
sum = float(n1) + float(n2)

# Display the sum
print(f'Sum of {n1} and {n2} is {sum}')
```

```
Enter Your First Number : 5.4
Enter Your Second Number: 8.2
Sum of 5.4 and 8.2 is 13.6
```

Question No.33

In [9]:
```python
#Getting input from user
alph=input("Enter an Alphabet : ")

#Check whether it is Vowel or Consonant
if alph in ('a','e','i','o','u','A','E','I','O','U'):
    print("You typed,",alph,"is a Vowel")
else:
    print("You typed,",alph,"is a Consonant")
```

```
Enter an Alphabet : p
You typed, p is a Consonant
```

Question No.34

In [22]:
```python
#Given List
li=[1,2,3,4,5,6]

# a.How to find Length?
print("Length of list is",len(li))

# b. How to find Datatype?
print("Datatype is ",type(li))
```

```
Length of list is 6
Datatype is  <class 'list'>
```

Question No.35

In [24]:
```python
#Given tuple
fruits=("apple","banana","cherry")

#printing first item using index no.
print(fruits[0])
```

```
apple
```

Question No.36

```
In [27]: #Given tuple
marks=(90,89,78)

#unpacking tuple
(m1,m2,m3)=marks
print(m1)
print(m2)
print(m3)
```

```
90
89
78
```

Question No.37

```
In [32]: list1=[1,2,3,4,5,6,7,8,9,10]

sum1=0

for i in list1:
    sum1+=i

#overall total with given integers in list
    print(list1,sum1)
```

```
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10] 55
```

Question No.38

In [46]:
```python
text='encyclopaedia'

# a. How to Convert lowercase to uppercase?
print("a. ",text.upper())

# b. Check given string is alphanumeric or not?
print("b. ",text.isalnum())

# c. Check given string is lowercase or not?
print("c. ",text.islower())

# c. Check given string is lowercase or not?
print("d. ",text.isalpha())
```

a.   ENCYCLOPAEDIA
b.   True
c.   True
d.   True

Question No.39

In [50]:
```python
name1=input("Enter Name 1 :")
name2=input("Enter Name 2 :")
name3=input("Enter Name 3 :")
name4=input("Enter Name 4 :")
name5=input("Enter Name 5 :")
```

Enter Name 1 :Ganesh
Enter Name 2 :Babu
Enter Name 3 :Murali
Enter Name 4 :Mohan
Enter Name 5 :Jebaz

Question No.40

In [65]:
```python
import array as ar

#creating an array
a = ar.array('i', [1, 2, 3, 4, 6])

#printing array
print ("Created array is : ", end =" ")
for i in range (0,5):
    print (a[i], end =" ")
```

Created array is : 1 2 3 4 6

Question No.42

In [88]:
```python
li=[1,3,5,7,8,9,2]
# a. Insert the value 10 in above list
li.insert(8,10)
print(li)

# b. using 1st method
li.reverse()
print(li)
# 2nd method
print(li[::-1])

# c.
li.remove(10)
print(li)

# D.
word='ENCYCLOPEDIA'
print(word[2])

#e.
print(word[-4])

# f.
x=word.find('CYCLO')
print(x)

# g.
print(word[1:5])
```

```
[1, 3, 5, 7, 8, 9, 2, 10]
[10, 2, 9, 8, 7, 5, 3, 1]
[1, 3, 5, 7, 8, 9, 2, 10]
[2, 9, 8, 7, 5, 3, 1]
C
E
2
NCYC
```