

In []:

In [1]:

#1. Program to demonstrate if, elif, else by checking Largest of three numbers

```
A,B,C= input("enter three number:").split()
print(A,B,C)

if (A > B) and (A > C):
    largest = A
elif (B > A) and (B > C):
    largest = B
else:
    largest = C

print("The largest number is", largest)
```

```
enter three number:5 85 85
5 85 85
The largest number is 85
```

In [9]:

#Q2. Program to Check Whether a number is perfect or not

```
a=int(input("Enter a number:"))
c=0
for i in range(1,a):
    if a%i==0:
        flag=1
        c+=i
    else:
        flag=0
if(c==a):
    print("Perfect number")
else:
    print("Not perfect number")
```

```
Enter a number:9
Not perfect number
```

In [15]:

#Q3. Read multi- word string and print them in alphabetical order

```
str=['a','k','h','i','l']
print("Before sorting",str)

str.sort()
print("After sorting",str)
```

```
Before sorting ['a', 'k', 'h', 'i', 'l']
After sorting ['a', 'h', 'i', 'k', 'l']
```

In [21]:

#Q4.Dictionary

#how many cars are there in the dictionary

#change the colour of kushaq to black

Remove the car items

```
car={
    "i10":"Grey",
    "Kushaq":"Red",
    "i20":"White"
}

print(car)

print("Number of car in dictionary",format(len(car)))

car["Kushaq"]="Black"
print(car)

car.pop("i10")
print("Remove the car items: ",car)

{'i10': 'Grey', 'Kushaq': 'Red', 'i20': 'White'}
Number of car in dictionary 3
{'i10': 'Grey', 'Kushaq': 'Black', 'i20': 'White'}
Remove the car items: {'Kushaq': 'Black', 'i20': 'White'}
```

In [26]:

```
#Q4:Write a program to solve to elements of tuple

tup1=("aam","daam","nam","kaam"># creating tuple

lis=list(tup1) #change tuple into List
print(lis)

lis.append("badnam") #add value in end of the List
print(lis)

tup1=tuple(lis) #change List into tuple
print(tup1)
```

```
['aam', 'daam', 'nam', 'kaam']
['aam', 'daam', 'nam', 'kaam', 'badnam']
('aam', 'daam', 'nam', 'kaam', 'badnam')
```

In [32]:

#Q6. Implement contact book using dictionary

```
contact={
    "Name":"Akhilesh",
    "Mobile":1236547890,
    "Address":"Bangalore"
}

print(contact)
print(contact["Name"])

for i in contact:
    print(contact[i])
```

```
{'Name': 'Akhilesh', 'Mobile': 1236547890, 'Address': 'Bangalore'}
Akhilesh
Akhilesh
1236547890
Bangalore
```