

# Task 1

In [1]:

```
a = [ ]
for y in range(0,11):
    word = input("Enter any word : ")
    a.append(word)
print(a)
a.sort(reverse = True)
print(a)
```

```
Enter any word : welcome
Enter any word : to
Enter any word : the
Enter any word : python
Enter any word : coding
Enter any word : lahuage
Enter any word : not
Enter any word : difficult
Enter any word : but
Enter any word : needed
Enter any word : practice
['welcome', 'to', 'the', 'python', 'coding', 'lahuage', 'not', 'difficult',
'but', 'needed', 'practice']
['welcome', 'to', 'the', 'python', 'practice', 'not', 'needed', 'lahuage',
'difficult', 'coding', 'but']
```

# Task 2 :-

In [2]:

```
a = [ ]
a.append(input("enter sting value"))
print(a)
a.sort(reverse = True)
print(a)
```

```
enter sting value'welcome', 'to', 'the', 'python', 'coding', 'lahuage', 'no
t', 'difficult', 'but', 'needed', 'practice'
['welcome', 'to', 'the', 'python', 'coding', 'lahuage', 'not', 'difficult',
'but', 'needed', 'practice']
['welcome', 'to', 'the', 'python', 'coding', 'lahuage', 'not', 'difficult',
'but', 'needed', 'practice']
```

# Task 3 :-

In [3]:

```
a = [ ]  
for y in range(0,10):  
    word = input("Enter any word : ")  
    a.append(word)  
print(a)
```

Enter any word : Bangalore

Enter any word : Mumbai

Enter any word : Delhi

Enter any word : are

Enter any word : best

Enter any word : but

Enter any word : i

Enter any word : love

Enter any word : Mumbai

Enter any word : Bangalore

['Bangalore', 'Mumbai', 'Delhi', 'are', 'best', 'but', 'i ', 'love', 'Mumba  
i', 'Banglore']

## Task 4 :-

In [17]:

```
blist = [ ]  
a = ['Bangalore', 'Mumbai', 'Delhi', 'are', 'best', 'but ', 'i ', 'love', 'Mumbai', 'Bangal  
if(a.count == 1):  
    blist.append(a)  
print(blist)
```

## Task 5 :-

In [16]:

```
blist = ['Bangalore', 'Mumbai', 'Delhi', 'are', 'best', 'but ', 'i ', 'love', 'Mumbai', 'Ba  
blist.sort()  
print(blist)
```

['Bangalore', 'Bangalore', 'Delhi', 'Mumbai', 'Mumbai', 'are', 'best', 'but  
, 'i ', 'love']

## Task 6 :-

In [7]:

```

blist = ["Bangalore", "Mumbai", "Delhi", "are", "best", "but", "i", "love", "Mumbai", "Banga
i = 1
for i in range(1,11):
    blist.pop()
    print(blist)

```

```

['Bangalore', 'Mumbai', 'Delhi', 'are', 'best', 'but', 'i', 'love', 'Mumba
i']
['Bangalore', 'Mumbai', 'Delhi', 'are', 'best', 'but', 'i', 'love']
['Bangalore', 'Mumbai', 'Delhi', 'are', 'best', 'but', 'i']
['Bangalore', 'Mumbai', 'Delhi', 'are', 'best', 'but']
['Bangalore', 'Mumbai', 'Delhi', 'are', 'best']
['Bangalore', 'Mumbai', 'Delhi', 'are']
['Bangalore', 'Mumbai', 'Delhi']
['Bangalore', 'Mumbai']
['Bangalore']
[]

```

## Task 7 :-

In [8]:

```

for x in range(1500,2700):

    if(x%7 == 0 and x%5==0):
        print(x, end = " ")

```

```

1505 1540 1575 1610 1645 1680 1715 1750 1785 1820 1855 1890 1925 1960 1995 2
030 2065 2100 2135 2170 2205 2240 2275 2310 2345 2380 2415 2450 2485 2520 25
55 2590 2625 2660 2695

```

## Task 8:

In [13]:

```

z = [ ]
y = int(input("Enter the no between 1 to 30 :"))
for x in range(1,31):
    if(x%y != 0):
        print(x, end = " ")

```

Enter the no between 1 to 30 :5

```

1 2 3 4 6 7 8 9 11 12 13 14 16 17 18 19 21 22 23 24 26 27 28 29

```

## Task 9 :-

In [14]:

```
firstlist = [[1,2,3],[4,5,6],[7,8,9]]
secondlist = [[19,18,17],[16,15,14],[13,12,11]]
thirdlist = [[0,0,0],[0,0,0],[0,0,0] ]
for i in range(len(firstlist)):
    for j in range(len(firstlist[0])):
        thirdlist[i][j]=firstlist[i][j]+secondlist[i][j]
for k in thirdlist:
    print(k)
```

```
[20, 20, 20]
[20, 20, 20]
[20, 20, 20]
```

In [ ]: