**Practical-1**

**Task:** There are 2 chefs, namely chef 1 and chef 2 in the  
MasterChef competition. The judge is going to judge on the basis of 3  
categories: presentation, taste and hygiene to prepare the dishes. The marking  
is scaling from 1 to 100. The rating for chef 1 challenge is the triplet a =  
(a[0], a[1], a[2]), and the rating for Chef 2 challenge is the triplet b =  
(b[0], b[1], b[2]), where 0 index is presentation, 1 index is taste and 2 index  
is hygiene.

The task is to find their comparison points by comparing  
a[0] with b[0], a[1] with b[1], and a[2] with b[2].  
  
If a[i] > b[i],  
then Chef 1 is awarded 1 point.  
          
If a[i] < b[i],  
then Chef 2 is awarded 1 point.  
          
If a[i] = b[i], then  
neither person receives a point.

Comparison points are the total points a person  
earned.   
  
Given a and b, determine their respective comparison  
points.  
  
Design the algorithm for the same and implement using the  
programming language of your choice. Make comparative analysis for various use  
cases & input size.

**CODE:**

categorie=3

chef=3

c=[]

b=[0,0,0]

for i in range(chef):

    a =[]

    print('Enter score for chef',i,':-')

    for j in range(categorie):

         a.append(int(input()))

    c.append(a)

a=0

for j in range(categorie):

    a=0

    for i in range(chef):

        if i == 0:

            a=0

        else:

            if c[a][j] < c[i][j]:

                a=i

            elif c[a][j] > c[i][j]:

                a=a

            else:

                a=-1

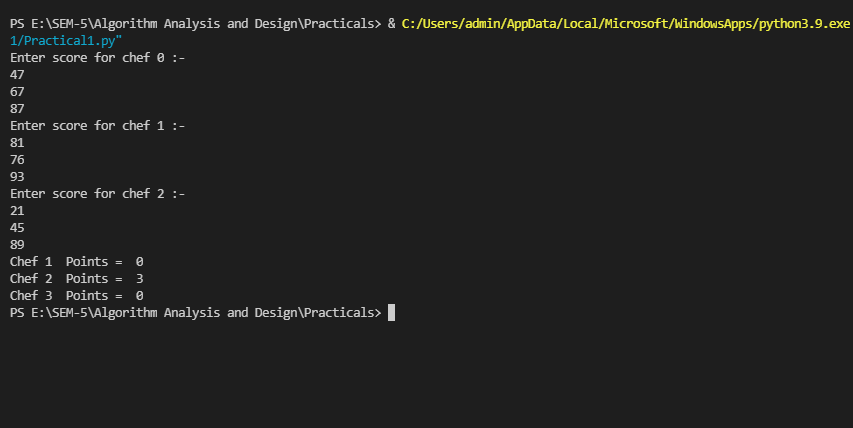
    if a >= 0:

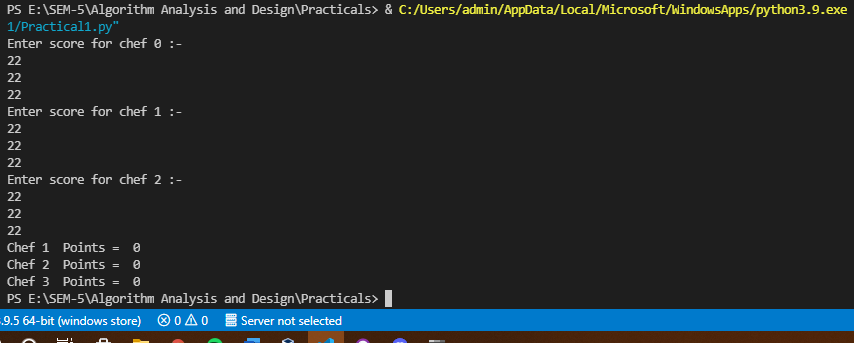
        b[a]=b[a]+1

for i in range(0,chef):

    print('Chef',i+1,' Points = ',b[i])

**Output:**

****

****