Ans1:

import numpy as np

import matplotlib as plt

import scipy as sp

a=np.array([[int(1),"Rahul",int(20000),"TR","Delhi",int(6)],[int(2),"Sameer",int(30000),"CR","Mumbai",int(8)],[int(3),"Rohit",int(20000),"ADMIN","Jaipur",int(5)],[int(4),"Mahesh",int(40000),"DI","Patna",int(8)],[int(5),"Ramesh",int(50000),"DA","Banaras",int(9)]])

print(a)

def addemp(a):

x=int(input("ENTER SALARY"))

y=input("Name: ")

z=input("Place: ")

w=input("pos: ")

v=int(input("Performance"))

n=int(a[0].size)

c=np.array([a[0][n-1]+1,y,x,w,z,v])

a.append(c)

def changeperf(a):

x=int(input("Emplyee ID"))

y=int(input("Employee performance"))

a[x][5]=y

def sala(a):

y=sp.mean(a[2][:])

x=sp.max(a[2][:])

z=sp.min(a[2][:])

print(y)

print(x)

print(z)

def hihlow(a):

x=sp.max(a[2][:])

i=0

z=0;

while i<n:

if a[2][i]==x:

z=i

break

i=i+1

y=sp.min(a[2][:])

j=0

g=0;

while i<n:

if a[2][j]==y:

g=i

break

j=j+1

print(a[0][z])

print(a[1][z])

print(a[0][g])

print(a[1][g])

i=0

while i!=6:

i=int(input("Entter i"))

if i==1:

addemp(a)

elif i==2:

changeperf(a)

elif i==3:

sala(a)

elif i==4:

hihlow(a)

elif i==5:

print(a)

else:

i=6



