import pandas as pd

l=[]

def college(s,a,p,per,km,st,bf):

campus={

'college':s,

'Branch':a,

'Placements':p,

'Percentage':per,

'Distance':km,

'Status':st,

'Transport':bf

}

l.append(campus)

n=int(input("No.of colleges: "))

for i in range(1,n+1):

s=input("Name of the college: ")

a=list(input("List of branches: ").split())

p=int(input("No.of placements: "))

per=float(input("Pass percentage: "))

km=int(input("Distance: "))

st=input("Status: ")

bf=input("Transport: ")

college(s,a,p,per,km,st,bf)

print('college\tBranch\tPlacements\tPercentage\tDistance\tStatus\tTransport\t')

for i in range(n):

print(l[i])

df=pd.DataFrame(l)

print(df)

k=input()

for i in range(n):

if l[i]['college']==k:

print("Details of college: ")

print(l[i]['college'],l[i]['Branch'],l[i]['Placements'],l[i]['Percentage'],l[i]['Distance'],l[i]['Status'],l[i]['Transport'])

for i in range(n):

if l[i]['Placements']>500:

print('Placements greater than 500: ',l[i]['college'])

g=input()

for i in range(n):

if l[i]['college']==g:

print('Branches: ',l[i]['Branch'])

for i in range(n):

if l[i]['Transport']=='yes':

print('Transport available college: ',l[i]['college'])

for i in range(n):

if l[i]['Percentage']>60:

print('percentage of college: ',l[i]['college'])

v=0

for i in range(n):

if l[i]['Status']=='autonomous':

v=v+1

print('Autonomous college: ',l[i]['college'])

print('count:', v)

c=[]

for i in range(n):

c.append(l[i]['Placements'])

mx=max(c)

for i in range(n):

if l[i]['Placements']==mx:

print('Max Placements of college: ',mx,l[i]['college'])

d=[]

for i in range(n):

d.append(l[i]['Distance'])

mn=min(d)

for i in range(n):

if l[i]['Distance']==mn:

print('Min Placements of college: ',mn,l[i]['college'])