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print("Welcome to Result statistics of batch 2020")
#student 1 AYSHA
Maths=90;Chemistry=80;BEEE=85;TechnicalEnglish=92;PPS=78;Generalaptitude=73;#student Aysha
A=90+80+85+92+78+73
A=A/6
RollNumber1="20BAI301"
#student 2 Vidhya
Maths=80;Chemistry=70;BEEE=75;TechnicalEnglish=82;PPS=88;Generalaptitude=93;#student Vidhya
B=80+70+75+82+88+93
B=B/6
RollNumber2="20BAI305"
#student 3 Revathi
Maths=95;Chemistry=90;BEEE=84;TechnicalEnglish=97;PPS=82;Generalaptitude=91;#student Revathi
C=90+80+85+92+78+73
C= C/6
RollNumber3="20BAI303"
#student 4 Sheela
Maths=50;Chemistry=48;BEEE=65;TechnicalEnglish=72;PPS=58;Generalaptitude=63;#student Sheela
D=50+48+65+72+58+63
D=D/6
RollNumber4="20BAI304"
#student 5 mary
Maths=95;Chemistry=88;BEEE=97;TechnicalEnglish=95;PPS=91;Generalaptitude=85;#student Mary
E=95+88+97+95+91+85
E=E/6
RollNumber5="20BAI302"
#all average
print("average of Aysha",A)
print("average of Vidhya",B)
print("average of Revathi",C)
print("average of Sheela",D)
print("average of Mary",E)

#class Topper
T1=(A,B,C,D,E)#tuple1
y=max(A,B,C,D,E)
print(y)
if(A==y):
    print("THE BEST PERFORMANCE ON ACADEMICS IN 2020 IS AYSHA")
    print("Average of Aysha is",A)
    print ("Roll number",RollNumber1)
elif(B==y):
    print("THE BEST PERFORMANCE ON ACADEMICS IN 2020 IS Vidhya")
    print("Average of Vidhya is",B)
    print ("Roll number",RollNumber2)

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elif(C==y):
    print("THE BEST PERFORMANCE ON ACADEMICS IN 2020 IS Revathi")
    print("Average of Revathi is",C)
    print ("Roll number",RollNumber3)
elif(D==y):
    print("THE BEST PERFORMANCE ON ACADEMICS IN 2020 IS Sheela")
    print("Average of Sheela is",D)
    print ("Roll number",RollNumber4)
else:
    print("THE BEST PERFORMANCE ON ACADEMICS IN 2020 IS Mary")
    print("Average of Mary is",E)
    print ("Roll number",RollNumber5)

#poor performance
T=(A,B,C,D,E)
x= min(A,B,C,D,E)
print(x)
if(A==x):
    print("THE LOWEST PERFORMANCE is Aysha!!!!!!!!!!!!....")
    print("Average of Aysha is",A)
    print ("Roll number",RollNumber1)
elif(B==x):
    print("THE LOWEST PERFORMANCE is Vidhya!!!!!!!!!!!!....")
    print("Average of Vidhya is",B)
    print ("Roll number",RollNumber2)
elif(C==x):
    print("THE LOWEST PERFORMANCE is Revathi!!!!!!!!!!!!....")
    print("Average of Revathi is",C)
    print ("Roll number",RollNumber3)
elif(D==x):
    print("THE LOWEST PERFORMANCE is Sheela!!!!!!!!!!!!....")
    print("Average of Sheela is",D)
    print ("Roll number",RollNumber4)

else:
    print("THE LOWEST PERFORMANCE is Mary!!!!!!!!!!!!....")
    print("Average of Mary is",E)
    print ("Roll number",RollNumber4)

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