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**CA1 Lab:**

sub1=int(input("Enter marks of the first subject: "))

sub2=int(input("Enter marks of the second subject: "))

sub3=int(input("Enter marks of the third subject: "))

sub4=int(input("Enter marks of the fourth subject: "))

sub5=int(input("Enter marks of the fifth subject: "))

avg=(sub1+sub2+sub3+sub4+sub4)/5

if(avg>=90):

print("Grade: A")

elif(avg>=80&avg<90):

print("Grade: B")

elif(avg>=70&avg<80):

print("Grade: C")

elif(avg>=60&avg<70):

print("Grade: D")

else:

print("Grade: F")

**second question**

import math

x =input("please inter the number ")

y =input("please inter the number ")

distance = math.sqrt( ((x-y)\*\*2)+((x-y)\*\*2) )

print(distance)