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|  | **Assignment # 2**  **Write a program which takes 5 inputs from user for different subject’s marks, total it**  **and generate mark sheet using grades ?**  sub1=(input("Marks of 1st subject:")); sub2=(input("Marks of 2nd subject:")); sub3=(input("Marks of 3rd subject:")); sub4=(input("Marks of 4th subject:")); sub5=(input("Marks of 5th subject:")); Total=int(sub1)+int(sub2)+int(sub3)+int(sub4)+int(sub5); print("Total:"+str(Total)) per=int((Total\*100)/450); print("Percentage:"+str(per)) if per>=80 and per<100:     print ("A+") elif per>=70 and per<80:     print("A") elif per>=60 and per<70:     print("D") elif per>=50 and per<60:     print("C") elif per>=40 and per<50:     print("D") elif per>=0 and per<40:     print("Fail")  **#Write a program which take input from user and identify that the given number is**  **even or odd?**  num=input("Enter a number:"); if(int(num)%2==0):     print("Number is even") else:     print("Number is odd")  **#Write a program which print the length of the list?**  arr=["Ali","Haider",10] len(arr)  **#Write a Python program to sum all the numeric items in a list?**  arr=["Ali",10,20,"Haider"] res=sum(filter(lambda i:isinstance(i,int),arr)) print("Sum:",res)  **#Write a Python program to get the largest number from a numeric list.**  arr=[10,20,33,99] print("Largest element is ",max(arr))  **#Take a list, say for example this one: #   a = [1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89] #and write a program that prints out all the elements of the list that are less than 5.**  a = [1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89]  new\_list = [] for item in a:     if item < 5:         new\_list.append(item) print(new\_list)   |  |  | | --- | --- | |  |  | |  |