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1 # Write Python code to do the following:
2 # i. Create list with inputs from user
3 # ii. Determine minimum and maximum elements in the list
4 # iii. Insert new element into the list
5 # iv. Delete an element from the list
6 # v. Determine if an element is present in the list
7
8 #Initialize list
9 li=[]
10 n= input("Enter number of elements")
11 print("Enter "+ n + " values")
12 for i in range(int(n)):
13     li.append(int(input()))#create initial list
14 while 1:
15     c=int(input("1.Insert\n2.Delete\n3.Find ele\n4.MINMAX\n5.Print\n6.EXIT\nEnter your choice"))
16     if c==1:
17         li.insert(int(input("Enter pos")),int(input("Enter ele")))
18         print(li)#Insert value at given position
19     elif c==2:
20         try:
21             li.remove(int(input("Enter ele to del")))
22             print(li)#Delete given value from list
23         except:
24             print("Ele doesn't exists")#Print if element doesn't exist
25     elif c==3:
26         try:
27             pos=li.index(int(input("Find ele")))
28             print("Element found at" + str(pos))#Finding the postioin of given element
29         except:
30             print("Element not found")#Print if element not found
31         print(li)
32     elif c==4:
33         print("MAX:"+str(max(li))+ "\nMIN:"+str(min(li)))
34         print(li)#Print minimum and maximum element in list
35     elif c==5:
36         print(li)#Printing list
37     else:
38         break

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