**PROGRAM:**

list1=[]

n=int(input("Enter number of elements:"))

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

no=int(input("Enter element:"))

list1.append(no)

list1[0]=int(input("Enter new element to update beginning element in the list:"))

print("Updated list is:", list1)

n=(n+1)//2

list1.remove(list1[n])

print("List after deleting the middle element: ",list1)

**OUTPUT**

