#list of atom

atoms=["Hydrogen","Helium","Lithum","Buryllium","Boron","Carbon"]

#Main programe

choice=""

while choice !="x":

 print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

 print(" A T O M F I N D E R ")

 print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

 print("\n")

 print("A: Append an atom to the list")

 print("B: Removean atom from the list")

 print("C: Print the list")

 print("D: Sort the list")

 print("E: the lenth of the list")

 print("F: edit an atom ")

 print("X: Exit the program")

 print("\n")

 choice = input ("choose an option: ")

 if choice=="A":

 Name = input("enter the name of an atom to add:")

 atoms.append(name)

 print(name,"has been added from thr list")

 if choice=="B":

 name=input("enter the name of an atom to remove")

 atoms.remove(name)

 print(name,"has beem removed from the list")

 if choice=="C":

 print(atoms)

 if choice=="D":

 atom.sort()

 print(atoms)

 if choice=="E":

 print(len(atoms))

 if choice=="F":

 print(atoms)

 i=int(input("which atom do you want to change?"))

 atoms[i]=input("enter a new atom")

 print(atoms)

 if choice=="E":

 print(len(atoms))