#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))