#the list of lens

atom=["hydrogen","helium","lithium","berylium","boron","cardobn","nitrogen","oxygen","fluorine","noen"]

#main program

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 remove an atom from the list")

 print("C print the list")

 print("D sort the list")

 print("E the length of the list")

 print("F edit the atoms")

 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 to the list")

 if choice =="B":

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

 atoms.remove(name)

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

 if choice =="C":

 print(atoms)

 if choice =="D":

 atoms.sort()

 if choice =="E":

 print(len(atoms))

 if choice =="F":

 print(atoms)

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

 atoms[1]=input("enter a new name")

 print(atoms)

 if choice=="E":

 print(len(atoms))