#the list of items

atoms=["hudrogen","helium","nitrogen","beryllium","boron","carbon","nitrogen","oxygen","flourine","neon"]

#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 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 to the list")

if choice =="B":

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

atoms.remove(name)

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

if choice =="C":

atoms.sort()

if choice=="D":

atoms.sort()

if choice =="E":

print(len(atoms))

if choice =="F":

print(atoms)

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

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

print(atoms)