Question1: fruitlist=[]

fruit =("which fruit do you want")

fruitlist.append(fruit)

print(fruitlist)

Question2: vegtablelist=[]

for i in range(10)

vegtable.input("enter a vegtable")

vegtablelist.append(vegtable)

print(vegtablelist)

Question3: A)

cities=["New york","Paris","Madrid","Amman"]

listlegth=len(cities)

print(listlength)

B)

cities=["New york","Paris","Madrid","Amman"]

cities.append(“London”)

print(cities)

C)

cities=["New york","Paris","Madrid","Amman"]

Question4:

This is a error called an out of bounds error and it happens when the entered element is out of the lists range.