**Question 1: Evidence 1**

**Fruitlist=[]**

**i=input("enter a fruit")**

**fruitlist.append("apple")**

**print(fruitlist)**

**Question2: Evidence 2**

**vegetablelist=[]**

**for i in range(10):**

 **i=input("enter a vegetable")**

**print(vegetablelist)**

**Question 3: Evidence 3**

**a-cities=["Newyork","Paris","Madrid","Amman"]**

**length=len(cities)**

**print(length)**

**b-cities=["Newyork","Paris","Madrid","Amman"]**

**cities.append("london")**

**c-**

**d-cities=["Newyork","Paris","Madrid","Amman"]**

**print(cities)**

**i=input("which city do you want to delete")**

**i=int(i)**

**del cities[1]**

**print(cities)**

**print(cities)**

**e-cities=["Newyork","Paris","Madrid","Amman"]**

**print("madrid")**

**f-cities=["Newyork","Paris","Madrid","Amman"]**

**print("Amman")**

**g-cities=["Newyork","Paris","Madrid","Amman"]**

**length=len("Amman")**

**print(length)**

**h-cities=["Newyork","Paris","Madrid","Amman"]**

**print(cities)**

**Question 3: Evidence 4**

**In the code there is no 7 cities so the it will crash. Its only from 0 to 3**