**Question 1: Evidence 1**

**fruitlist=[]**

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

**fruitlist.append(fruit)**

**print(fruitlist)**

**Question2: Evidence 2**

**vegetablelist=[]**

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

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

 **vegetablelist.append(i)**

 **print(vegetablelist)**

**Question 3: Evidence 3**

**cities=["new york", "paris","madrid","amman"]**

**print(len(cities))**

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

**print(cities)**

**cities[0]="dubai"**

**del cities[2]**

**print(cities[1])**

**print(cities[2])**

**print(len("amman"))**

**print(cities)**

**evience 4:**

**there is no element 7 .**