**Question 1: Evidence 1**

**fruitlist=[]**

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

**fruitlist.append(fruit)**

**print(fruitlist)**

**Question2: Evidence 2**

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

**print(len(cities))**

**print(cities)**

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

**print(cities)**

**cities[1]=("dubai")**

**print(cities)**

**del cities [3]**

**print(cities)**

**print(cities[2])**

**print("Amman")**

**print(len("Amman"))**

**print(cities)**

**Question 3: Evidence 3**

**vegetablelist=[]**

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

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

**vegetablelist.append(vegetable)**

**print=vegetablelist**

**Question 3: Evidence 4**

**Because there is no 7 in the list**