**Question 1: Evidence 1**

**fruitlist=[]**

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

**fruitlist.append(fruit)**

**print(fruitlist)**

**Question2:**

**vegetablelist=[]**

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

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

 **vegetablelist.append(vegetable)**

 **print(vegetablelist)**

**Question 3: a. cities=["new york", "paris", "madrid", "amman"]**

**citieslength=len(cities)**

**print(citieslength)**

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

**cities.append(“London”)**

**print(cities)**

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

**cities[1]=(“dubai”)**

**print(cities)**

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

**del cities[3]**

**print(cities)**

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

**print(cities[2])**

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

**print(cities[3])**

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

**citylength=len(“amman”)**

**print(citylength)**

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

**print(cities)**

**question 4. There isn’t an element 7 therefore it caused an error**