**Question 1: Evidence 1**

**fruitlist=[]**

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

**fruitlist.append(fruit)**

**print(fruitlist)**

**Question2: Evidence 2**

**vegetablelist=[]**

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

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

**vegetablelist.append(vegetable)**

**print(vegetablelist)**

**Question 3: Evidence 3**

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

**listlength=len(cities)**

**print (listlength)**

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

**print (cities)**

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

**print (cities)**

**del cities [3]**

**print (cities)**

**print(cities[2])**

**print(cities[3])**

**length=len("amman")**

**print (length)**

**print (cities)**

**Question 3: Evidence 4**

**It caused an error because there isn’t a 7th element in this list so it caused a crash. But if Lena for example entered the element cities[0] it will work because its “new York”and its there on the list.**