**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 vegetable")**

**vegetablelist.append(vegetable)**

**print(vegetablelist)**

**Question 3: Evidence 3**

**Question 3: Evidence 4**

**Cities=["New York","Paris","Madrid","Amman"]**

**listlength=len(Cities)**

**print(listlength)**

**Cities=["New York","Paris","Madrid","Amman"]**

**Cities.append("london")**

**print(Cities)**

**Cities=["New York","Paris","Madrid","Amman"]**

**Cities[2]=("dubai")**

**print(Cities)**

**Cities=["New York","Paris","Madrid","Amman"]**

**del Cities[2]**

**print(Cities)**

**Cities=["New York","Paris","Madrid","Amman"]**

**cities=["amman"]**

**print(cities)**

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

**Cities=["New York","Paris","Madrid","Amman"]**

**print(Cities)**

**Because there aren’t 7 elements**