**Question 1: Evidence 1**

**fruitlist=[""]**

**fruit=input("add 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**

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

**print(len(cities))**

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

**print(cities)**

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

**print(cities)**

**del(cities[2])**

**print(cities)**

**print(cities[1])**

**print("amman")**

**print(len(cities[2]))**

**print(cities)**

**Question 3: Evidence 4**

**List index out of range**