**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**

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

**print(len(cities))**

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

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

**del cities[3]**

**print(cities[2])**

**print(cities[3])**

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

**print(cities)**

**Question 3: Evidence 4**

**IndexError: list assignment index out of range**

**Because there is no 7th element**