Q1

**fruitlist=[]**

**fruit=input("Enter a Fruit")**

**fruitlist.append(fruit)**

**print(fruitlist)**

Q2

**vegetablelist=[]**

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

 **vegetable=input("Enter a vegetable: ")**

 **vegetablelist.append(vegetable)**

**print(vegetablelist)**

**Q3**

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

**citieslength=len(cities)**

**print(citieslength)**

**cities.append("London")**

**cities[1]=("Dubai")**

**del cities[2]**

**print(cities[1])**

**print(cities[2])**

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

**Q4**

**Out of range**