**Question 1: Evidence 1**

fruitlist=[]

fruit=input("enter a fruit")

fruitlist.append("banana")

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"]

length=len(cities)

print(length)

cities[1]="dubai"

print(cities)

del cities[3]

print (cities[2])

print (cities[3])

length=(len("amman"))

print(cities)

**Question 3: Evidence 4**

Because there isn’t a element that is 7 so it is out of range.