- 1. a. Create the vector with the following elements:
 - agree, agree, missing, disagree, neutral, disagree, neutral, agree, missing, neutral Name the vector Opinions.
 - b. Use one of the loop constructs (for, while, or repeat) to count the number of "missing" responses in the vector Opinions.
 - c. Use one of the loop constructs (for, while, or repeat) to make another vector Opinions.updated by removing (deleting) components with the value "missing" from Opinions. Display the new vector. Note: the new vector should be shorter.
- 2. The problem contains a few steps.
 - a. Create a list named **Roster** whose components are
 - o A vector with components Mary, John, Lisa. Name the component **Name**.
 - o A numeric vector called **GPA** with the components 3.5, 3.7, 2.9
 - A list named **Test.Scores** with two vector components:
 - Test 1: numeric vector (70, 80, 60)
 - Test 2: numeric vector (100, 95, 92)

Use str() to display **Roster**.

b. Use indexing to access the elements of **Roster** that contain information about Mary such as her GPA, and Test 1 score. Display the result as a vector with named components so it looks like as follows

Student	GPA	TEST 1
Mary		

- c. For list **Test.Scores**, use function **lapply** or **sapply** to find the average scores on Test 1 and Test 2.
- d. Now add one more component to list Roster. The component should be named Standing and it is a vector with elements "senior"," freshman", "sophomore".
 Use str() to display the updated list Roster.