CSC 15 chapter 5, 7 study guide

Here are some problems from practice it

Chapter 5

Self-check: 1, 3, 10, 16, 22

Exercise: 5, 12, 22

Chapter 7

Self- check: 1, 2, 4, 5, 8, 14, 15

Exercise: 4, 10

1. Write a while loop to find the sum of the numbers from 1 – 100.

2. Declare an array to hold the name of 25 students.

3. This question is from the lab for chapter 7. Write a method that accepts two arrays: Answer key, Driver license test, both arrays of type char. This method grades the test taken by the user. This method should display the score of the test. Number of the wrong answers. If the user has more than three wrong answer, print a message that "You need to take the test again"

4. Write a method that gets the scanner object as its parameter. This method askes the user for an integer value. As long as the value entered by the user is not an integer, keep asking the user for an integer value. Once you read an integer, return that value.

5. Write a while loop to simulate the action of rolling a dice. Keep rolling the dice until you get a six. Random number generator is needed. A number between 1 and 6 needs to be generated.

6. How do you find out the length of an array?

7. How do you fill in an array? For loop?

8. Write a method that accepts an array as its parameter. This method will fill in the array with the number of the days in each month. Create a for loop, in the loop ask the user for the number of the days in the month and save it in the array. The array should look like the following.

| 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

9.