Final Prep CODE CSIS-1400

**Class DemoArray:**

The class String has a method called toCharArray. It is declared like this:



Do the following:

1. Create a variable of type Stirng called sentence that is initialized with “I like Java”.
2. Call the method toCharArray to convert the string to an array or characters (see description from the Java API)  
   Store the result in a variable of an appropriate type
3. Use a loop to print each letter of the array separated by a space.

When the whole array has been printed advance to the next line

2. Count all occurances of the letter ‘a’ in the array letters

3. Print the result ( see output below )

**Output:**

**I l i k e J a v a**

**The array letters includes 2 'a's.**

***Important:*** *make sure that the program works for any sentence I might enter.*

**Class DemoEnum:**

1. Create a new enum called **DayOfTheWeek**

2. Initialize it with th 7 days of the week (2 letter abbreviations are fine)

3. In the main method create a varaible called **firstDay**. It is of the type **DayOfTheWeek**.

Assign it the appropriate value.

4. Print the variable **firstDay** followed by an empty line

5. Use a loop to list all enum constants of class **DayOfTheWeek** separated by a single blank

When you are done add an empty line (see output)

**Output:**

First day: SU

SU MO TU WE TH FR SA