2.Write a Java Program to separate the Individual Characters from a String

Description:  
In computer science, collection of characters including spaces is called as string. To separate an individual character from the string, individual characters are accessed through its index.

Algorithm  
STEP 1: START  
STEP 2: DEFINE String string = "characters "  
STEP 3: PRINT "Individual characters from given string: "  
STEP 4: SET i=0. REPEAT STEP 5 to STEP 6 UNTIL i<string.length()  
STEP 5: PRINT string.charAt(i)  
STEP 6: i=i+1  
STEP 7: END

public class Main

{

public static void main(String[] args) {

String string = "characters";

//Displays individual characters from given string

System.out.println("Individual characters from given string:");

//Iterate through the string and display individual character

for(int i = 0; i < string.length(); i++){

System.out.print(string.charAt(i) + " ");

}

}

}

**Output:**

