1. Find Number of Characters in a String

2. Find Number of Vowel Characters in a String

3. Uppercase and Lowercase Characters in a String

4.

5.

**Find Number of Characters in a String**

**package** test;

**public** **class** FindNumberOfCharactersInStringDemo {

**public** **static** **void** main(String[] args) {

FindNumberOfCharactersInStringDemo obj = **new** FindNumberOfCharactersInStringDemo();

String str = "Hello World";

**int** result = obj.getNumberOfCharacters(str);

System.***out***.println(str + " has " + result + " characters");

}

**public** **int** getNumberOfCharacters(String str) {

**return** str.length();

}

}

**Find Number of Vowel Characters in a String**

**package** test;

**public** **class** FindNumberOfVowelCharactersInStringDemo {

**public** **static** **void** main(String[] args) {

FindNumberOfVowelCharactersInStringDemo obj = **new** FindNumberOfVowelCharactersInStringDemo();

String str = "Hello World";

**int** n = str.length();

**int** result = obj.getNumberOfVowelsCharacters(str, n);

System.***out***.println(str + " has " + result + " vowel characters");

}

**public** **int** getNumberOfVowelsCharacters(String str, **int** n) {

**int** vowelCount = 0;

**for** (**int** i = 0; i < n; i++) {

**if** (str.charAt(i) == 'a' || str.charAt(i) == 'e' || str.charAt(i) == 'i' || str.charAt(i) == 'o'

|| str.charAt(i) == 'u') {

vowelCount++;

}

}

**return** vowelCount;

}

}

**Uppercase and Lowercase Characters in a String**

**package** test;

**public** **class** UppercaseLowercaseDemo {

**public** **static** **void** main(String[] args) {

UppercaseLowercaseDemo obj = **new** UppercaseLowercaseDemo();

String str1 = "HELLO world";

System.***out***.println(str1.toLowerCase());

String str2 = "hello WORLD";

System.***out***.println(str2.toUpperCase());

}

}