Write a program to find the number of special characters in the given statement

CODE:

import java.util.Scanner;

public class SpecialCharacterCounter {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

// Input statement

System.out.print("Enter a statement: ");

String statement = scanner.nextLine();

// Count special characters

int specialCharCount = countSpecialCharacters(statement);

// Output

System.out.println("Number of special characters in the statement: " + specialCharCount);

}

// Function to count special characters

public static int countSpecialCharacters(String str) {

int specialCharCount = 0;

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

char ch = str.charAt(i);

if (!Character.isLetterOrDigit(ch) && !Character.isWhitespace(ch)) {

specialCharCount++;

}

}

return specialCharCount;

}

}

OUTPUT:

C:\javap>javac SpecialCharacterCounter.java

C:\javap>java SpecialCharacterCounter

Enter a statement: Likitha is a very bad girl! But...Likitha is very intelligent, she is a topper.

Number of special characters in the statement: 6

