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1. Write a program to print the special characters separately and print number of Special characters in the line?

Code:

import java.util.Scanner;

public class CountAlpDigiSpl1 {

private static Scanner sc;

public static void main(String[] args) {

String aldisp\_str;

int i, alph, digi, spl;

alph = digi = spl = 0;

char ch;

sc= new Scanner(System.in);

System.out.print("\nPlease Enter Alpha Numeric Special String = ");

aldisp\_str = sc.nextLine();

for(i = 0; i < aldisp\_str.length();i++)

{

ch = aldisp\_str.charAt(i);

if(ch >= 'a' && ch <= 'z' || ch >= 'A' && ch <= 'Z' ) {

alph++;

}

else if(ch >= '0' && ch <= '9') {

digi++;

}

else {

spl++;

}

}

System.out.println("\nNumber of Alphabet Characters = " + alph);

System.out.println("Number of Digit Characters = " + digi);

System.out.println("Number of Special Characters = " + spl);

}

}

Output: