Online Java Compiler IDE

For Multiple Files, Custom Library and File Read/Write, use our new - <u>Advanced Java IDE</u>

```java
1   //String with ASCII difference of characters OR
2   // String With Difference Of Every Two Consecutive Characters
3
4   /*
5   1. You are given a string that contains only lowercase and uppercase alphabets.
6   2. You have to form a string that contains the difference of ASCII values of every two cor
7      For "abecd", the answer should be "a1b3e-2c1d", as
8      'b'-'a' = 1
9      'e'-'b' = 3
10     'c'-'e' = -2
11     'd'-'c' = 1
12  */
13  import java.util.*;
14  public class MyClass {
15      public static void charDiff(String str)
16      {
17          StringBuilder sb=new StringBuilder();
18          sb.append(str.charAt(0));
19
20          for(int i=1;i<str.length();i++)
21          {
22              char curr=str.charAt(i);
23              char prev=str.charAt(i-1);
24              int diff=curr-prev;
25              sb.append(diff+" ");
26              sb.append(curr);
27          }
28          System.out.println(sb);
29
30      }
31
32      public static void main(String args[]) {
33        Scanner sc=new Scanner(System.in);
34        String str=sc.nextLine();
35        charDiff(str);
36      }
37  }
```

Execute Mode, Version, Inputs & Arguments

CommandLine Arguments

Stdin Inputs

abecd

Result

CPU Time: 0.24 sec(s), Memory: 36728 kilobyte(s)   **compiled and executed in 0.958 sec(s)**

a1 b3 e-2 c1 d

Note:
1. For file operations - upload files using upload button 🗅, Files will be upload to /uploads folder. You can read those files in program from /uploads folder. To write a file from your program, write files to '/myfiles' folder. Please note the uploaded files stored in the server only for the current session.
2. For detailed documentation check - **Our Documentation**, or check our **Youtube channel.**

Thanks for using our
Online Java Compiler IDE
to execute your program

Know Your JDoodle

⊙ JDoodle Supports 72 Languages and 2 DBs. **Click here** to see all.

⊙ Fullscreen - side-by-side code and output is available. click the "⸢⸥" icon near execute button to switch.

⊙ Dark Theme available. Click on "•••" icon near execute button and select dark theme.

⊙ You can embed code from JDoodle directly into your website/blog. **Click here** to know more.

⊙ JDoodle offers an API service. You can execute programs just by calling our API. **Click here** to know more.

⊙ If you like JDoodle, Please share us in Social Media. **Click here** to share.

JDoodle For Your Organisation

⊙ Do you have any specific compiler requirements?

⊙ Do you want to integrate compilers with your website, webapp, mobile app, courses?

⊙ Do you need more than our **Embed** and **API** features?

⊙ Looking for Multiple Files, Connecting to DB, Debugging, etc.?

⊙ Are you building any innovative solution for your students or recruitment?

⊙ Want to run JDoodle in-house?

⊙ Custom Domain, White labelled pages for your institute?

Contact us - We are happy to help!

⦿ Check our **Documentation Page** for more info.

JDoodle is serving the programming community since 2013