

How To Reverse Each Word Of A String In Java?

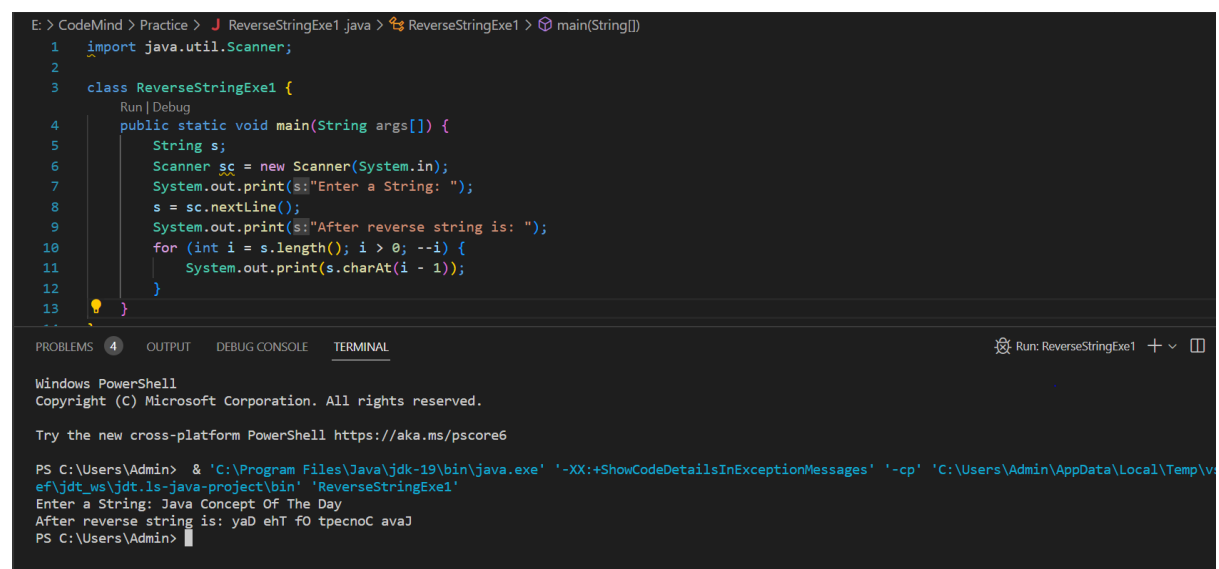
We can reverse each word of a string by the help of `reverse()`, `split()` and `substring()` methods. By using `reverse()` method of `StringBuilder` class, we can reverse given string. By the help of `split("\\s")` method, we can get all words in an array. To get the first character, we can use `substring()` or `charAt()` method.

Program-

```
import java.util.Scanner;

class ReverseStringExe {
    public static void main(String args[]) {
        String s;
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter a String: ");
        s = sc.nextLine();
        System.out.print("After reverse string is: ");
        for (int i = s.length(); i > 0; --i) {
            System.out.print(s.charAt(i - 1));
        }
    }
}
```

Output-



The screenshot shows an IDE with the following content:

```
E: > CodeMind > Practice > J ReverseStringExe1.java > ReverseStringExe1 > main(String[])
1  import java.util.Scanner;
2
3  class ReverseStringExe1 {
    Run | Debug
4      public static void main(String args[]) {
5          String s;
6          Scanner sc = new Scanner(System.in);
7          System.out.print(s:"Enter a String: ");
8          s = sc.nextLine();
9          System.out.print(s:"After reverse string is: ");
10         for (int i = s.length(); i > 0; --i) {
11             System.out.print(s.charAt(i - 1));
12         }
13     }
}
```

Below the code editor, the **TERMINAL** tab is active, displaying the following output:

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Admin> & 'C:\Program Files\Java\jdk-19\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\Admin\AppData\Local\Temp\vef\jdt_ws\jdt.ls-java-project\bin' 'ReverseStringExe1'
Enter a String: Java Concept Of The Day
After reverse string is: yaD ehT fO tpecnoC avaJ
PS C:\Users\Admin>
```