Practical : 4

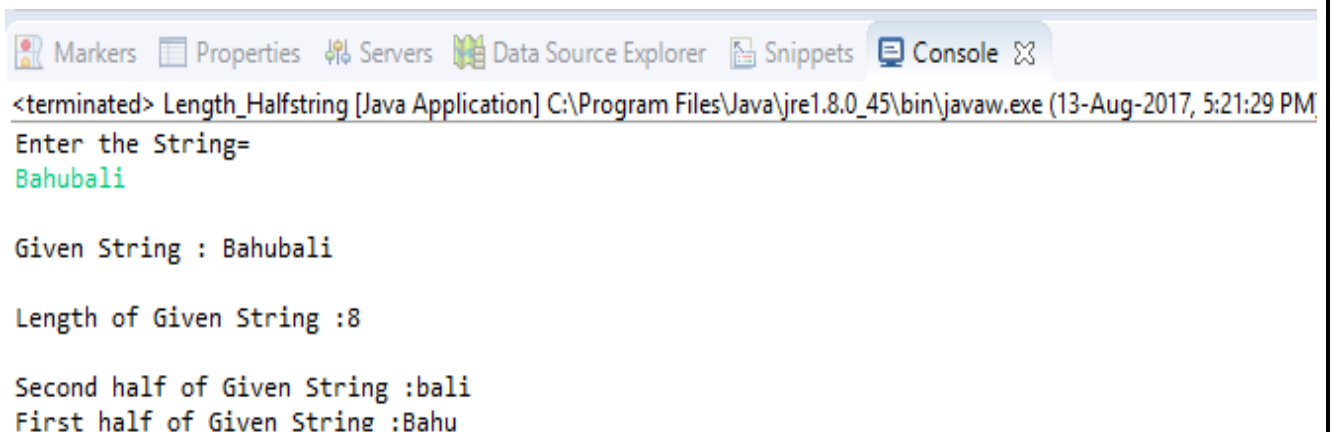**Aim:** Write a program to find length of string and print second half of the string.

> //This program finding for the Length of String and Second half string
> //Created by: Patel Raj M.
> //Date: 7th Aug 2017
> **import** java.util.Scanner;
>
> **public class** Length_Halfstring
> {
>   **private static** Scanner *s1*;
>
>   **public static void** main(String[] args)
>   {
>   *s1* = **new** Scanner(System.*in*);
>   //Using the string function
>   String str = "";
>   System.*out*.println("Enter the String= ");
>   //User define the Enter string
>   str = *s1*.nextLine();
>   System.*out*.println("\nGiven String : "+ str);
>   //find the string
>   **int** length = str.length();
>   //print Length
>   System.*out*.println("\nLength of Given String :" + length);
>   //Print Second half
>   System.*out*.println("\nSecond half of Given String :" +
>   str.substring(length/2));
>   //Print First half
>   System.*out*.println("First half of Given String :" +
>   str.substring(0,(length/2)));
>   }
> }

Output:

```
Markers  Properties  Servers  Data Source Explorer  Snippets  Console ⊠

<terminated> Length_Halfstring [Java Application] C:\Program Files\Java\jre1.8.0_45\bin\javaw.exe (13-Aug-2017, 5:21:29 PM
Enter the String=
Bahubali

Given String : Bahubali

Length of Given String :8

Second half of Given String :bali
First half of Given String :Bahu
```