Reverse a String different ways

Input: Athira Sabu

Output: ubaS arihtA

package com.java;  
  
  
//1. Input - Athira Sabu,Output -ubas aritha  
  
public class ReverseString {  
  
 public static void reverseString(String s) {  
 char[] c = s.toCharArray();  
 String rev = "";  
 for (int i = c.length - 1; i >= 0; i--) {  
 rev = rev + c[i];  
 }  
 System.*out*.println("Reverse=" + rev);  
 }  
  
 public static void main(String[] args) {  
 *reverseString*("Athira Sabu");  
  
 }  
}

Using String builder or String Buffer

Input: Athira Sabu

Output: ubaS arihtA

Using String buffer

package com.java;  
  
public class ReverseStringBuffer {  
  
 public static void reverseString(String s)  
 {  
 StringBuffer sb=new StringBuffer(s);  
 System.*out*.println(sb.reverse());  
 }  
 public static void main(String[] args) {  
 *reverseString*("Athira Sabu");  
 }  
}

Using String builder

package com.java;  
  
public class ReverseStringBuilder {  
 public static void reverseString(String s)  
 {  
 StringBuilder sb=new StringBuilder(s);  
 System.*out*.println(sb.reverse());  
 }  
 public static void main(String[] args) {  
 *reverseString*("Athira Sabu");  
 }  
}

Reverse Each Word

Input: Athira Sabu

Output: Sabu Athira

package com.java;  
  
//Input - Athira Sabu Output - Sabu Athira  
public class ReverseEachWord {  
  
 public static void reverseString(String s)  
 {  
 String[] split = s.split(" ");//[athira,sabu]  
 //[0,1]  
 String rev="";  
 for(int i=split.length-1;i>=0;i--)  
 {  
 rev=rev+split[i]+" ";  
 }  
 System.*out*.println("Reverse string by word is:"+rev);  
 }  
 public static void main(String[] args) {  
  
 *reverseString*("Athira Sabu");  
 }  
}

Reverse each word and characters in string

Input: Athira Sabu

Output: ubaS arihtA

package com.java;  
  
public class ReverseEachWordAndCharacter {  
 //input-- Athira Sabu Output --> ubaS arihtA  
 public static String reverseChar(String s)  
 {  
 char[] c=s.toCharArray();  
 String rev="";  
 for(int i=c.length-1;i>=0;i--)  
 {  
 rev=rev+c[i];  
 }  
 return rev;  
 }  
 public static void reverse(String s)  
 {  
 String[] split=s.split(" "); // Athira Sabu  
 String rev="";  
 for(int i=split.length-1;i>=0;i--)  
 {  
 rev=rev+split[i]+" ";  
  
 }  
 System.*out*.println(*reverseChar*(rev));  
 }  
 public static void main(String[] args) {  
 *reverse*("Athira Sabu");  
  
 }  
}