

[Home](#) > [Blog](#) > [Java String Cheat Sheet](#)

Java String Cheat Sheet

Last updated on May 22,2019 8.9K Views



Neha Vaidya

A tech enthusiast in Java, Image Processing, Cloud Computing, Hadoop.

 [Bookmark](#)

Are you a Java programmer looking for a quick guide on [Java Concepts](#)? If yes, then you must take Strings into your consideration. This [Java String](#) cheat sheet is designed for the Java aspirants who have already embarked on their journey to learn Java. So, let's quickly get started with this Java String Cheat Sheet.

Java String Cheat Sheet

String is a sequence of characters. But in Java, a string is an object that represents a sequence of characters. The *java.lang.String* class is used to create string object.



Subscribe to our Newsletter, and get personalized recommendations.



Sign up with Google



Signup with Facebook

Already have an account? [Sign in.](#)

```
}  
?  
//Checks if string ends with the given  
suffic  
}  
}
```

String Conversions

String to Int Conversion

```
String str="123";  
int intval = 123;  
int intval =  
Integer.parseInt(str);  
// Converting a string to int
```

Int to String Conversion

```
int var = 123;  
String str =  
String.valueOf(var);  
System.out.println(555+str);  
// Conversion of int to String
```

String to Double Conversion

```
String str = "100.222";  
double dvar = Double.parseDouble(str);  
//displaying the value of variable dvar
```

Double to String Conversion

```
double dvar = 100.9999; //double value  
String str = String.valueOf(dvar);  
//conversion using valueOf() method
```

String vs String Buffer	String Buffer vs Builder
<p>Immutable</p> <p>String class doesn't have any() method of object class.</p>	<p>Mutable</p> <p>StringBuffer class doesn't have any() method of Object class.</p>

String Joiner Class

```
StringJoiner sjpstrng = new  
StringJoiner(",");  
// Adding Member() as definition  
sjpstrng.add("Welcome");  
// Joining multiple strings by using  
add() method  
sjpstrng.add("You are");
```

String reversing using Recursion

```
String str = "Welcome to Eduvella";  
String reverseStr = reverseString(str);  
Return reverseString(str.substring(1))  
+ str.charAt(0);  
//calling function recursively
```

String reverse

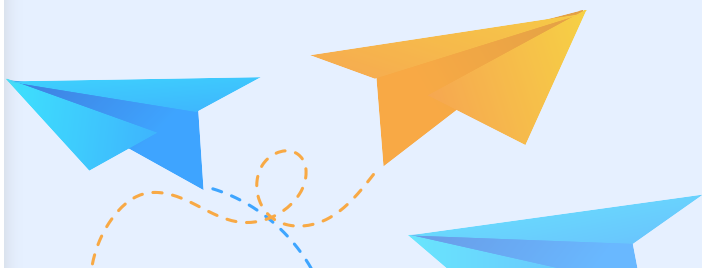
```
String str;  
System.out.println("Enter your  
username: ");  
String reversed = reverseString(str);  
// Reversing a String  
return reverseString(str.substring(1))  
+ str.charAt(0);  
//calling function recursively
```

String Pool

```
String str1 = "abc";  
String str2 = "abc";  
System.out.println(str1 == str2);  
System.out.println(str1 == "abc");
```

Create PDF in your applications with the Pdfcrowd [HTML to PDF API](#)

PDFCROWD



```
System.out.println(str1 == "a")
```

String Conversions

String to Int Conversion

```
String str="123";  
int inum1 = 100;  
int inum2 = Integer.pars
```

Int to String Conversion

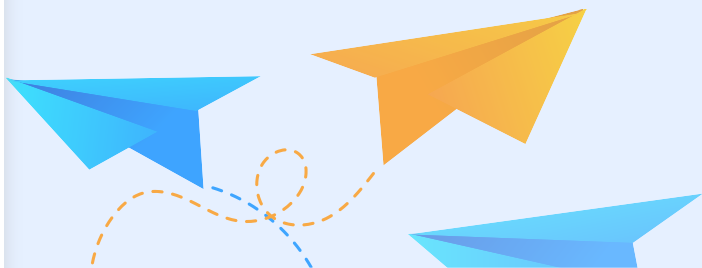
```
int var = 111;  
String str = String.valueOf  
System.out.println(555+str
```

String to Double conversion

```
String str = "100.222";  
double dnum = Double.par
```

Double to String Conversion

```
double dnum = 88.9999; //double  
String str = String.valueOf(dnum
```



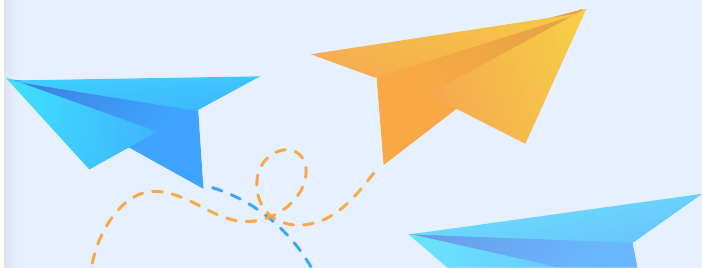
```
char[] chars = str.toCharArray()
for(Character ch:chars){
    if(map.containsKey(ch)){
        map.put(ch, map.get(ch) + 1);
    } else {
        map.put(ch, 1);
    }
}
```

```
Set<Character> keys = map.keySet();
public static void main(String args[]) {
    Details obj = new Details();
    System.out.println("String: Edureka");
    obj.countDupChars("Edureka");
    System.out.println("String: StringCheatSheet");
    obj.countDupChars("StringCheatSheet");
}
```

```
break;
}
return str.substring(0, len);
```

StringJoiner Class

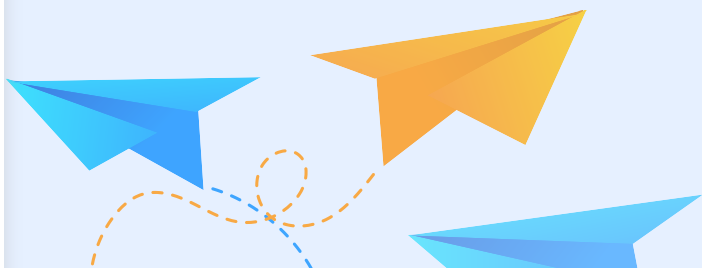
```
StringJoiner mystring = new StringJoiner("-");
// Passing Hyphen(-) as delimiter
mystring.add("edureka");
// Joining multiple strings by using add() method
mystring.add("YouTube");
```



```
        {  
            System.out.print(str  
                reverse(str.substrin  
        }  
    }  
    /* Driver program to test ab  
    public static void main(Stri  
        String str = "Edureka fo  
        StringReverse obj = new  
        obj.reverse(str);  
    }  
}
```

```
        char[] s1 = strArray[i].toCharAr  
        for (int j = s1.length-1; j>=0;  
        {  
            System.out.print(s1[j]);  
        }
```

String Classes & Interfaces

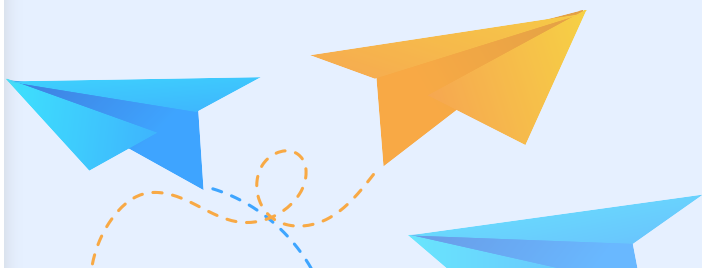


class.

String Buffer vs String Builder

StringBuffer	StringBuilder
StringBuffer is <i>synchronized</i> i.e. thread safe.	StringBuilder is <i>non-synchronized</i> i.e. not thread safe.
StringBuffer is <i>less efficient</i> than StringBuilder as it is synchronized.	StringBuilder is <i>more efficient</i> than StringBuffer because it is not synchronized.

```
// Concatenates to StringBui
public static void concat2(S
{
    s2.append("edurekablog")
}
// Concatenates to StringBuf
public static void concat3(S
{
    s3.append("edurekablog")
}
public static void main(Strin
{
    String s1 = "Andvideos";
    concat1(s1); // s1 is n
    System.out.println("Stri
    StringBuilder s2 = new S
```



```
implements Serializable, CharSeq  
  
//StringBuilder implements Seria  
public final class StringBuilder  
implements Serializable, CharSeq
```

String Methods

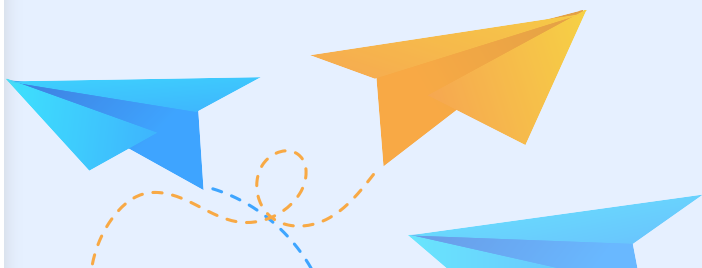
Few of the most important and frequently used [String](#) methods are listed below:

```
str1==str2 //compares address;  
String newStr = str1.equals(str2
```

Immutable Strings

In Java, **string objects are immutable.**

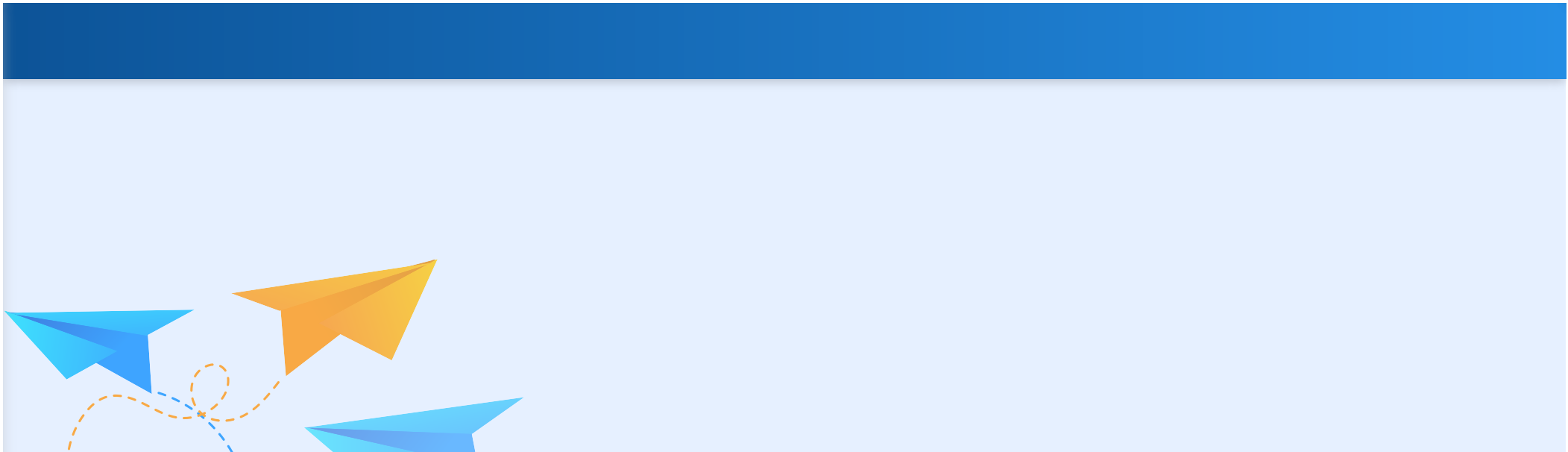
Immutable simply means unmodifiable or unchangeable.



Output will be JavaStrings because strings are immutable and the value will not be changed.

[Download Java String CheatSheet-Edureka](#)

With this, we come to an end of **Java String Cheat Sheet**. Check out the [Java Training](#) by **Edureka**, a trusted online learning company with a network of more than 250,000 satisfied learners spread across the globe. Edureka's [Java, J2EE & SOA Certification Training](#) is designed for students and professionals who want to be a Java Developer. The course is designed to give you a head start into Java programming that includes Interfaces, Exception Handling and JDBC Projects.

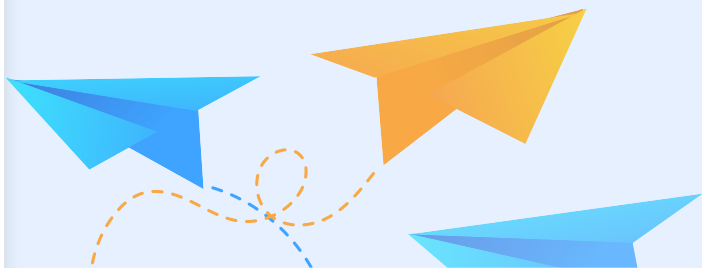


Watch Now

Watch Now

Watch

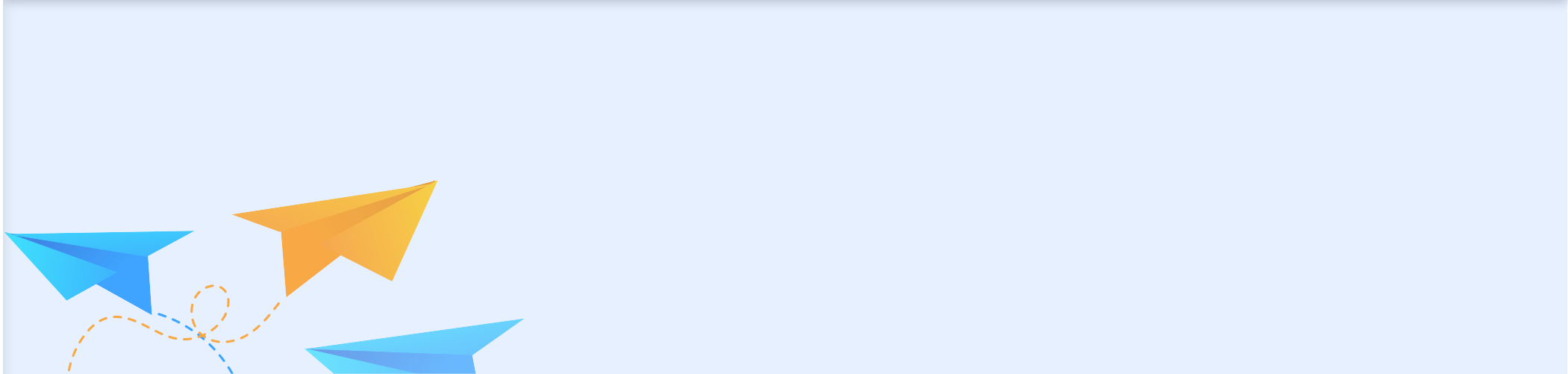
Recommended blogs for you



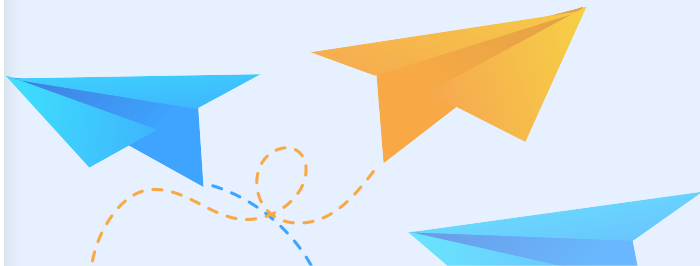
Comments

0 Comments

Join the discussion



Trending Courses



Reviews

★★★★★ 5 (850)

Reviews

★★★★★ 5 (34400)

Reviews

★★★★★ 5 (31900)

Browse Categories

Artificial Intelligence

BI and Visualization

Big Data

Blockchain

Cloud Computing

Cyber Security

Data Science

Data Warehousing and ETL

Databases

DevOps

Digital Marketing

Enterprise

Front End Web Development

Mobile Development

Operating Systems

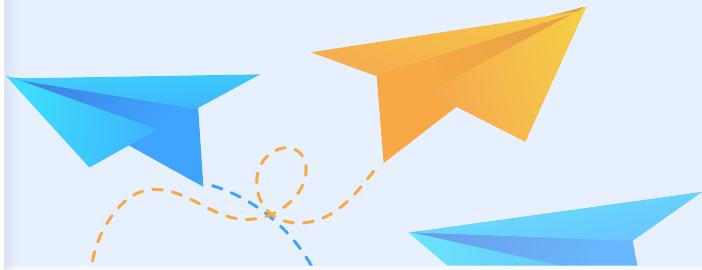
Programming & Frameworks

Project Management and Methodologies

Robotic Process Automation

Software Testing

Systems & Architecture



PMP® Certification Exam Training

Robotic Process Automation Training using UiPath

Apache Spark and Scala Certification Training

Microsoft Power BI Training

Online Java Course and Training

Python Certification Course

COMPANY

About us

News & Media

Reviews

Contact us

Blog

Business Intelligence Masters Program

Data Analyst Masters Program

Test Automation Engineer Masters Program

Post-Graduate Program in Artificial Intelligence &

Machine Learning

Post-Graduate Program in Big Data Engineering

WORK WITH US

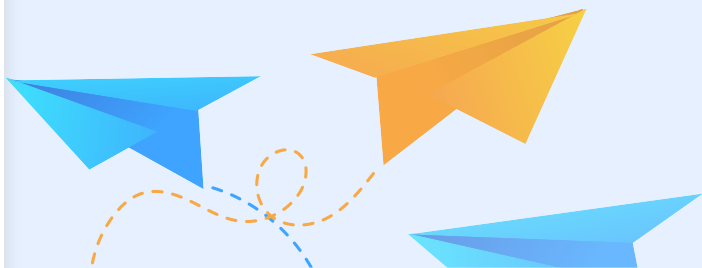
Careers

Become an Instructor

Become an Affiliate

Become a Partner

Hire from Edureka



[Frontend Development](#) | [Data Warehousing and ETL](#) | [Artificial Intelligence](#) | [Blockchain](#) | [Databases](#) |
[Cyber Security](#) | [Mobile Development](#) | [Operating Systems](#) | [Architecture & Design Patterns](#) | [Digital Marketing](#)

TRENDING BLOG ARTICLES

[Selenium tutorial](#) | [Selenium interview questions](#) | [Java tutorial](#) | [What is HTML](#) | [Java interview questions](#) |
[PHP tutorial](#) | [JavaScript interview questions](#) | [Spring tutorial](#) | [PHP interview questions](#) | [Inheritance in Java](#) |
[Polymorphism in Java](#) | [Spring interview questions](#) | [Pointers in C](#) | [Linux commands](#) | [Android tutorial](#) |
[JavaScript tutorial](#) | [jQuery tutorial](#) | [SQL interview questions](#) | [MySQL tutorial](#) | [Machine learning tutorial](#) |
[Python tutorial](#) | [What is machine learning](#) | [Ethical hacking tutorial](#) | [SQL injection](#) |
[AWS certification career opportunities](#) | [AWS tutorial](#) | [What Is cloud computing](#) | [What is blockchain](#) |
[Hadoop tutorial](#) | [What is artificial intelligence](#) | [Node Tutorial](#) | [Collections in Java](#) | [Exception handling in java](#) |
[Python Programming Language](#) | [Python interview questions](#) | [Multithreading in Java](#) | [ReactJS Tutorial](#) |
[Data Science vs Big Data vs Data Analyt...](#) | [Software Testing Interview Questions](#) | [R Tutorial](#) | [Java Programs](#) |

