STRING IN JAVA

[०]

In java, String is basically an Object that represents a sequence of char values.

An array of characters works same as Java String.

[Create immutable object].

→ **String Buffer in Java :**

[०]

Java StringBuffer class is used to create mutable (modifiers) String Objects. The StringBuffer class in java is the same as String class except it is mutable i.e., it can be changed.

[०]

A thread-safe, mutable sequence of characters.

A string buffer is like a String, but can be modified. At any point in time it contains some particular sequence of characters, but the length and content of sequence can be changed through certain methods calls.

String buffers are safe for use by multiple threads.

[Create mutable object]

Ex:

StringBuffer sb = new StringBuffer ("deepak");

sb. append ("java");

This will not create the new object.
But it will change in the current object.

[o]

If we have the data which changes frequently,
we should use StringBuffer.

This will change in the original Object and
will not create the new object.

Ex:

① Notepad
② Calculator.

→ String Builder in Java :-

[o]

String Builder in java is a class is used to
create a mutable, or in other words,
a modifiable succession of characters

[o]

Hierarchy is as follows:

java . lang . Object

↳ java . lang

↳ Class StringBuilder

[o]

Syntax:

~~public class final~~

- public final class StringBuilder

  extends Object
  implements Serializable , CharSequence