String Constructors

String class supports a number of constructors that allow creation and initiation of string objects based on the argument provided. The table defines various string constructors supported by JAVA SE 17.

Constructor	Task
String()	Initializes new String object.
String (byte[] bytes)	Creates new String by decoding the array of bytes
String(byte[] bytes, int offset, int length)	Creates new string by decoding specified subarray of bytes
String(byte[] bytes, int offset, int length, string charsetName); String(byte[] bytes, int offset, int length, Charset charset)	Creates new string by decoding specified subarray of bytes using specified charset.
String(byte[] bytes, String charsetName); String(byte[] bytes, Charset charset)	Creates new String by decoding the specified array of bytes using specified charset.
String (char[] value)	Creates a new String so that it represents the sequence of characters in the argument
String (char[] value, int offset, int count)	Creates new String containing characters from a subarray of the argument.
String (int[] codePoints, int offset, int count)	Creates new string containing characters from a subarray of Unique code point array argument.
String (String original)	Initiates a newly created String object that is a copy of the argument string.
String (StringBuffer buffer)	Creates a new string containing the sequence of characters in the string buffer argument.
String (Stringbuilder builder)	Creates a new string containing the sequence of characters in the string builder argument.