

Strings in Java

Q1. What is a String in Java?

Ans: java string is a sequence of characters as an object of the class java.

Q2. Type of string in Java?

Ans: In Java, there are two types of string.

- Mutable String
- Immutable String

Q3. In how many ways can you create string objects in Java?

Ans: There are two ways to create a String object.

- By string literal
- By new keyword

Q4. What is a string constant pool?

Ans: A string constant pool is a separate place in heap memory where the values of all the strings which are defined in the program are stored.

Q5. What do you mean by mutable and immutable objects?

- Mutable object: Objects whose value can change are said to be mutable.
- Immutable: Objects whose value is unchangeable once they are created are called immutable.

Q6. Where exactly is the string constant pool located in the memory?

Ans: The constant pool is a storage space in the Java heap where string literals are stored.