

1) what is string in java.

Sol. String Which are widely used in java programming, are a sequence of characters.

2) Types of String in java are.

Sol. The two string types are Stored in memory differently When a string literal is created, the Java virtual machine (JVM) checks the string pool to see if it already exists. The string constant pool is a memory area where strings are stored. If the value exists, the string primitive will occupy the existing value.

3) In how many ways can you create string objects in java.

Sol. There are two ways to create a String object: By string literal Java String literal is created by using double quotes. For Example: String s="Welcome"; By new keyword : Java String is created by using a keyword "new".

4) What is a string constant pool.

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

5) What do you mean by mutable and immutable objects.

Sol. A mutable object can be changed after it's created, and an immutable object can't.

6) Where exactly is the string constant pool located in the memory.

Sol. As the name suggests, String Pool in java is a pool of Strings stored in Java Heap Memory.