

1. What is string in java?

String refers to an Object in java present in a package called java.lang.String.
String refers to a collection of characters.

2. Types of string in java?

In java Strings are classified into 2 types:

- . Mutable String
- . Immutable String

3. In how many ways can you create strings objects in java?

In 2 ways we can create strings objects in java:

```
String s= "sachin";  
String s =new String("sachin");
```

4. What is a string control pool?

a.Object creation in SCP is always optional,1st JVM will check if any object already created with required content or not.

b.If it is already available then it will reuse the existing object instead of creating the new Object.

c.If it is not available only then a new object will be created, so we say in SCP there is no chance of existing objects with the same content.

d.In SCP duplicates are not permitted.

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

Once if we create a String, on that String if we try to perform any operation and if those changes get reflected in the same object then such strings are called "Mutable String".

Example: StringBuffer, StringBuilder,etc

Once if we create a String, on that String if we try to perform any operation then those changes won't be reflected in the same object, rather a new object will be created.Such type of String is called as "Immutable String".

Example: Strin

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

String Pool in java is a pool of Strings stored in Java Heap Memory.

