

String

- 1.What is mutable and Immutable
- 2.What is mutable
- 3.String vs String Buffer vs StringBuilder
- 4.what is == and equals()
- 5.What is the use of equals() in Object class. It will compare reference only that we need to override it
- 6.In String class equals() overridden for content comparison
- 7.In String Buffer equals() overridden for reference comparison
- 8.Diff between
- 9.String s="Hello"// It will check in SCP Area object is available or not
String s1=new String("Hello");//it will create object in Heap

IN String constant pool object even if the object is not referenced it is not eligible for garbage collection because .Internally Jvm use reference of this object

->Till 1.6 SCP in Method area

->from 1.7 SCP in Heap

10.

```
String s1= new String("Hello");
```

```
String s2=new String("Hello");
```

```
String s3="Hello";
```

```
String s4="Hello";
```

How many Objects Got Created in SCP and Heap Area?

Note:-

When Ever new operator is used object is created in Heap

IN Scp object created only once next time it will be reused

Hence The Answer is 2 in Heap and 1 in SCP

11.

```
String s1=new String("Uday");  
s1.concat("Kumar");  
s1=s1.concat("Kalluri");
```

How many Objects are created in Heap and StringConstant Pool?

SCP:-

1.Uday 2.Kumar 3.Kalluri

Heap:-

Uday,

when s1.concat time one heap object will be created i.e udaykumar but it not referenced

s1.concat("Kalluri")→UdayKalluri

Total 6 objects are created

12.In Scp same object will be used with multiple reference

12.Same object will be used with multiple reference with the help of String constant pool

13.Why SCP concept available only for String not for StringBuffer.

Most commonly used object in every project is String that is java provided this memory management technique.

14.Why String class objects are Mutable and why not StringBuffer

In String Buffer Re Usability is not there that's why it is not Immutable

14.In addition to String class any other classes are Immutable in java

All Wrapper class objects are Immutable

15.By declaring Final we will not get immutability.

16.Final is related to variable not for object but immutability is for object

17.Which of the following are meaning ful

Final Variable

Final Object

Immutable Variable

Immutable Object

