

2. Using the inew Keywond

String String = new String ("Ajay");

3. using chanAt' Method:

Chan [7 ChanAnnay = S'A', B', C'?; String String = new String [chan Annay);

4' using 'get Bytes Method=>

byte[] byteAnnay = \$ 10, 20, 30, 403.

Storing Story = new Storing (byteAmnay);

5. Using 'Stning Builden' on Stning Buffen' class=

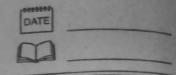
String Builden string Builder - new String Builder String

String Stris = string Builden to String ();

you can use 'String Builder on String Buffer' to build a String and then convert it to a String object using tostring?

Method.

* 0.4 what is a string constant pool?



Ang 4

* Object cheation in SCD is always obtions

1st JVM will check if any object already

cheated with neguined content on not.

If it is already available, then it will neuse the existing object instead of creating the new object.

* If it is not available only then a new object will be coneated, so we say in scp thene is no chance of existing a object with same content.

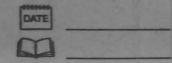
* In scp duplicate one not penmitted.

* Ganbage Collecton Can not access scp
Anea, Even through object does not
have any neglener ce still object
is not eligible for GC.

* All SCP objects will be destroyed

Example

String S1 = new String ("Ajay"); String S2 = new String ("Ajay");



String S3 = "Ajay";

String S4 = "Ajay";

output

Two object ane concerted in the heap with data as "Ajay" with nefer ence as \$1,52.

one object is enerted in scp with the nefer ence as \$3,54.

SCP Heap Anea

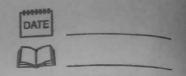
Sa Ajay Sa Ajay Sa Ajay

immutable objects?

Ang: 5 Mutable object x

Once if we Greate a String, on that String if we try to personan any openation and if those changes get reflected in the Same object then Such Strings are Called "Mutable String".

Example: String Bylenn, String Builden



Immutable String

once if we cheate a Staine, on the stainer if we tay to penform and openation of them those changes won't be neffected in the same Tobject, nother a new object will be consted such type of stainer if colled as "Immytable stainer"

pool beated in the members

Ang The Jeves String Consteamt pool (SCP)

is a Anoce in Hoop memory

cerhene Jara stones literal string

values.