

String name - 1 Hello 11 J

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Anything that Starb with a Capital letter
is a class String => String java 15 not Greated Stark

(\* Hinl: - String pool) String a = "Itello" =>

String b = "Itello" Two important Concepts 1) String pool (2) Immutability String pool: It is a separate memory structure inside the heap Shing nome = "kunal" hame Pool (kuna)

Note: All Similar values of String one String a = (Hello) Sour (a) =) pints "Huo" Blying a = "wold" > we are Creating a new objecte

South (a) => prints "wold" > we are note

changing the volve

ghello"

Hello"

The old object "Hello" is

Now available for garbage

Collection I have the same name to at this point all the lopeople object are pointing ho he same name. "Cuhaz it one of them had decided to

Change his/hor name Comparison of Shings (1) =="method > Checks both the value and the Preference variable Compatato a -> "Kunal" C > Kunal 6 / Ca== 6 WILL be TRUE a==b will be FALSE X'=='-> Checks if ref variables are Pointing to the Same Stylet How to Create different Stycut of Same Value?

This Creates

This Creates

Two string

String a = new String ("Konal") Values outside

the String Pool String 6 = new String ("Kunal)  $|\alpha| = |\alpha| = |\alpha|$ 

String Companison (Gont...) 2) When we only want to check and Compare the Values alone, we use a equals () method

String a = new String ("Konai) String 6 = new String (1 Konal)

Companison:

a. equals (6) \* Behind the Scenes, String is wong byte[] [byte wordy). To prink a character at a ponhado Indes, use String a = "Hello". Souk (a. chan At (o)); b prinh "H"