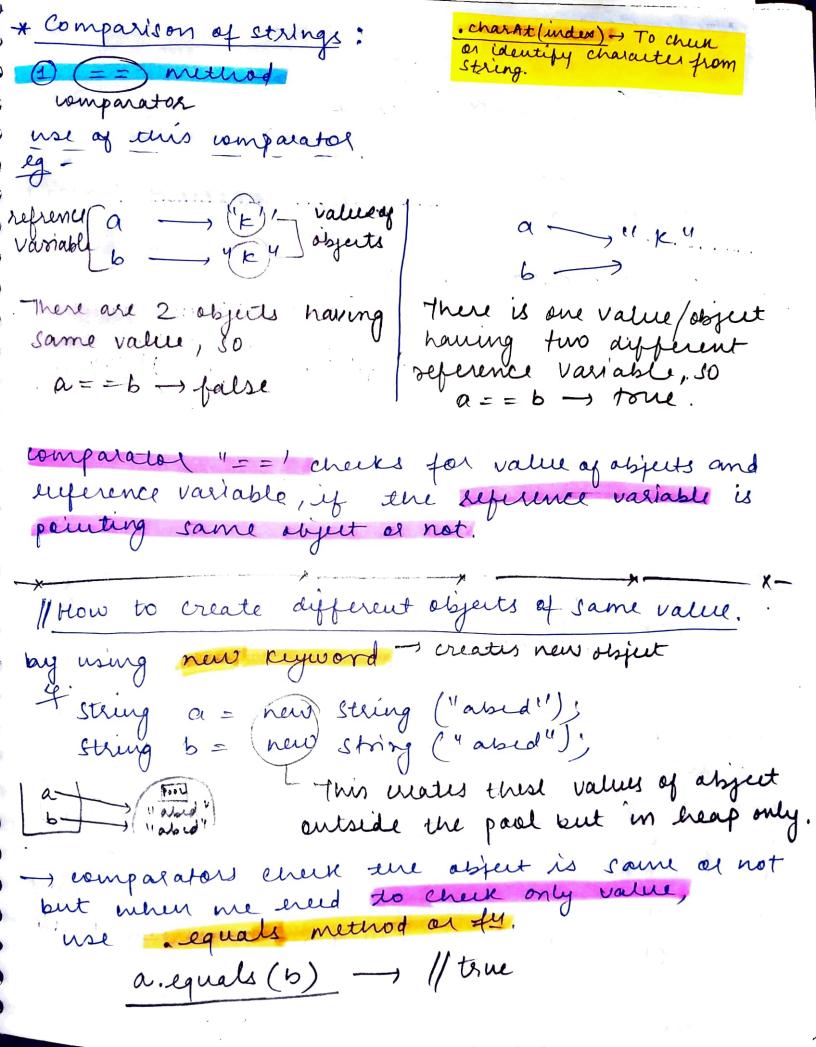
[10-01-22] * Strings are stored in heap
STRINGS -> sequence of characters -> strings are immutable -> cu-built class of java.  -> Docta-type: Non-psi mitive
-> Docta-type: -> Non-psimitive
string pool - separate memory structure inside heap memory
Just case of stry poor. made our program more
optimized of mon than one aspect is described to
equal do same value, it will not create separate
abjects of same value. for eg. why Pool seperated?
All Similar values,
a ground of string should be
b - Freel not be created again.
C
There, if me make changes to objet a, so that
change will not reflect to obj 2 to inspite
of naving same value regrences. This is because
of Immutability.
-> etrings are and declared/defined in double quote " !
-> syntax -> String n = "abed egger";  -> every string value you assign to is not variable but object type of string [O] and ["abed"]
reference v. object of the most was in the
but object type of String 10 [all
The state of the s
* Immodable - can't modify of change the
abject. Can't modify of change the wabit
abject. Could modify of change the wabit
abject. Could modify of change the wabit
abject. Could modify of change the wabit
abject. Can't modify of change the wabit



\* Pretty Printing & float a = 433. 1234 f planeholder for value system. out. printf (1024" +a);
system. out. print formatted format specifice -) fen différent data types, then différent formate \* METHODS STRING PROVIDE · You - chas - to char Allay ? It wonverts string · Yod -) decimal · Yol - exponential fin to char allay. · " float · "n-new -> to Lonier Case: convert to of En integer lower case but by creating a new abjut as me know abt thew %00 - octal % s -> String immutability. You - unsigned decimal - index of of give under of partic-· Yon - hexadermal ular char in string removed from string. % t → date/time \* operator ourloading = ( not w jone but in cfp& python) -> 1+1 is only operator, overloaded by sava for String concaterations and to add string with data of ours types. - Addition of characters it into numeric/Asell value of character, ? Addition of String and entegel integer in consected to its wrapper class and their added to string. If "a"+1 -> a1 of the operator in java is only defined for primitive data types and when any of these values is story.

String Builder - represents mutable sequence of char. Since String creates immutable sequence, stringBuilder provides an mutable. -) separate class in-built -, cher from video.