def: Collection of characters enclosed with double gouter

(Non-Jon nithe

& ony o get

String constant Pool: It is a region present inside the Heap Area

ADC ACC

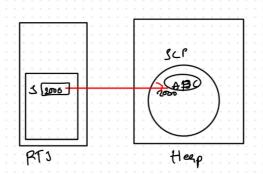
- only string objects get created inside this region

-> No diplicate copier are allowed inside SCP

-> Even if no one is referring to this string object in SUP, the memory due n't deallocate.

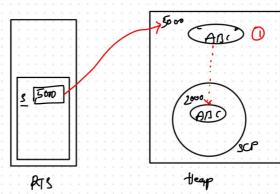
Case 1 :

String & = ABC



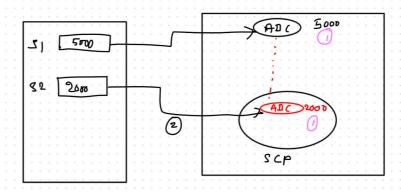
Alore:

(1) when ever there is new keyword" accounted while creating String object it creates a String aject outside the Non Constant Pool that it will be invide the theap threa of the address will be returned to our local refuence



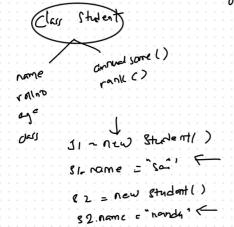
(3 copy of the same object will be created invide Stony Constant Pro)

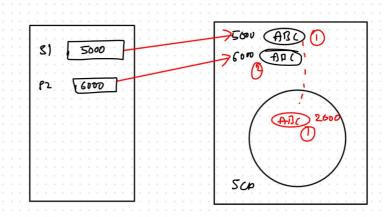
only if that abject doesn't entit



CON Y!

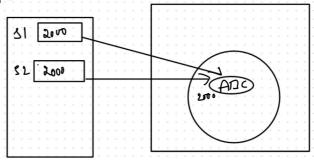
String 12 , new string (ABIT)





Cax 5:

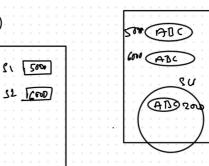
String Sz = All (



Companisions

Care 6:

Note?



String gl = "Anc" Case 7: 91 2000 Story 12 = ARC always compand ==? 92 2000 S 0 P(S1 == 52) / True fre and dreak 2000 = 2000 Mote (: (1) == Operator [Stoing comparison] It doesn't Compare the story liturals rather it compared the oddrest reference in the con 6 & 7 In care if we want to compare the value , we can ray nadelinbuilt method equals String SI = new String ("ADC') Story 12 = new string ("ADI") 5 op (SI equal, (12)); String Str = new string ("ADi") Con 8: S.O. Pln (str) / ADC - No address Western or wingging Note! () in stoings it prints the value while priting The reforence variable be aud to (try () inside Story Class is originaten str.tosting () to Sting () 9 X retur Addre V day Undefined Februm Value + operator loading [implicit]

integers 1+1 = 2 [adJam will happen]

"asc + def" = ascdef"

"1" + 1" [Concatination]

"ab(+ ' __ + ' def ' - ab(__ - def

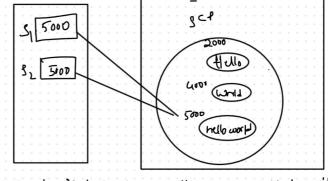
[1] + [2] [1,2]

Operator Overloading





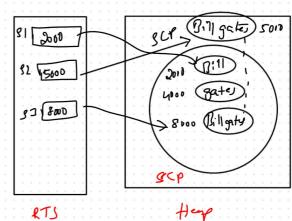
String (1 ="Hallo" +" world" Start 12 ="Halp' + "wald"



S.09(SI == SZ) 1T It no string reverse is involved the resolvent string object will Note: Paring concatmention (t) It no be created inside SUP

Care 11 :

Story 21 = 18:11, Sting 12 = 1 + goter Story 27 - Billyotel SOP(12==13) F 5-0-P(51==53) F Bill - - DillGates



Note

- -> Because of concertination (+) with a variable SI so object 51 + 'Gats" created outside (CP
- -) During concatination of the string if any ching variable is involved the resultant stay object will be created outside the sch and Copy of it present inside the SCP

Case 12

Stord (= , D.1) 1= gates~ 8 0.P(1) 11 gates 3 = 1311

