=> String :-

String { "Telusko" characters @ 12 (65536)
"Java"
"123"

char ' ' "@#" int a=10; " a "
{ " " } " _ "
" " → String

Collection / series of characters enclosed within double quotes " "

{ "01010" } String object
"123" → String
" " → String
" 1 " → String

=> String => class => Object

String data is an object =>

Strings
- Immutable string (Non-changeable)
- Mutable String (changeable)

Name

Hindu

FathersName

Password

email

==

=> { String :- } { StringBuffer StringBuilder }

Immutable String :- such string object which would not change once it created.

=> To create Immutable String => we use String class

==

=> ① String str = "Java"; ✓ ==

② String str = new String ("Java"); ✓

③ char ar[] = {'J', 'a', 'v', 'a'};
String str = new String (ar);

Aa

=> ① == -> Refrence variable will be compared

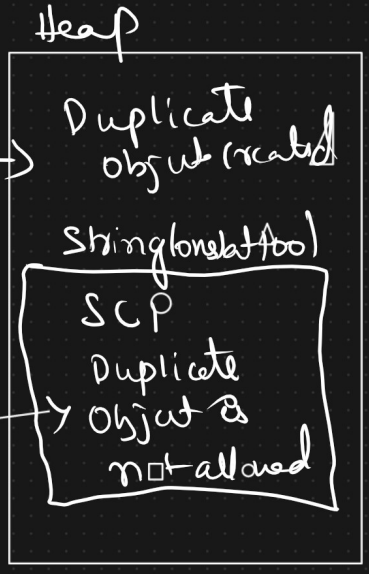
② equals() -> String Data will be compared

③ equalsIgnoreCase() => String Data will be compared Ignoring case sensitivity

④ compareTo() -> String Data will be compared char by char (lexicographically)

String → object ⇒ Heap

(String constant Pool)



new key to create create String / S1

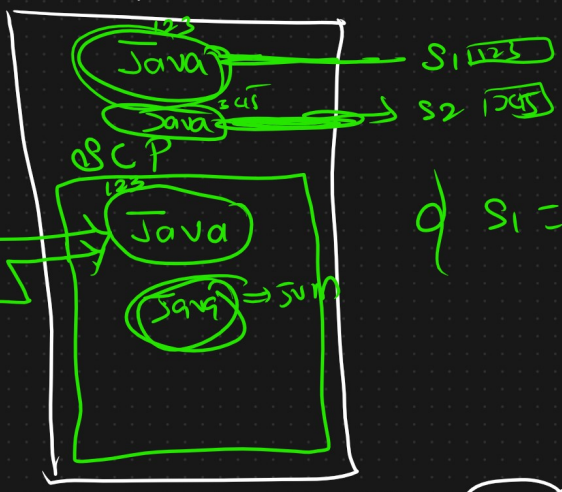
direct literal

String S1 = "Java"; S.o.p(S1);

String S2 = "Java";

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

boolean a = S1 == S2;
S.o.p(a);

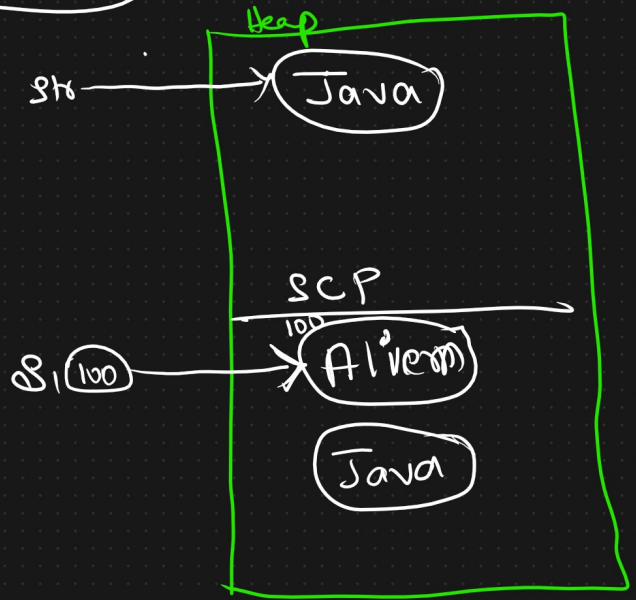


S.o.p(S1 == S2);

S1 == S2 ?
False

S1 = "Alien";

String str = new String("Java");

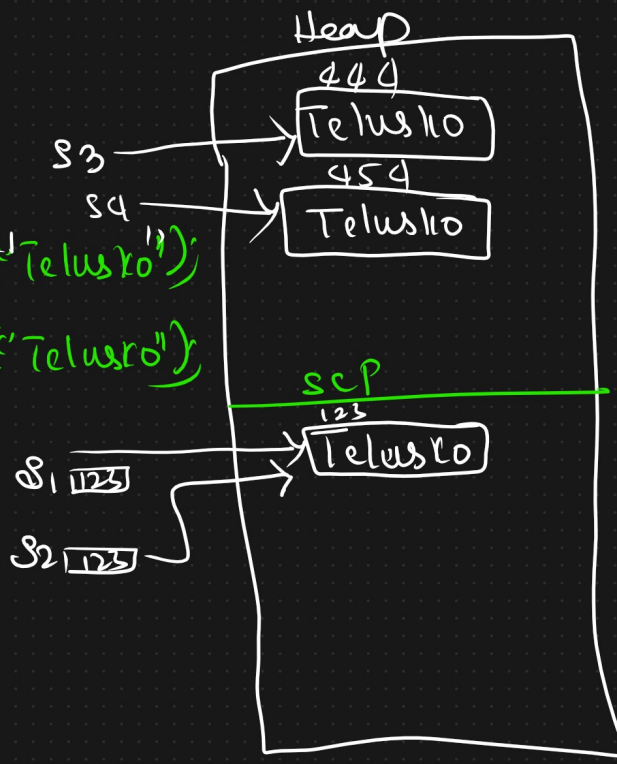


String s1 = "Telusko";

String s2 = "Telusko";

String s3 = new String ("Telusko");

String s4 = new String ("Telusko");

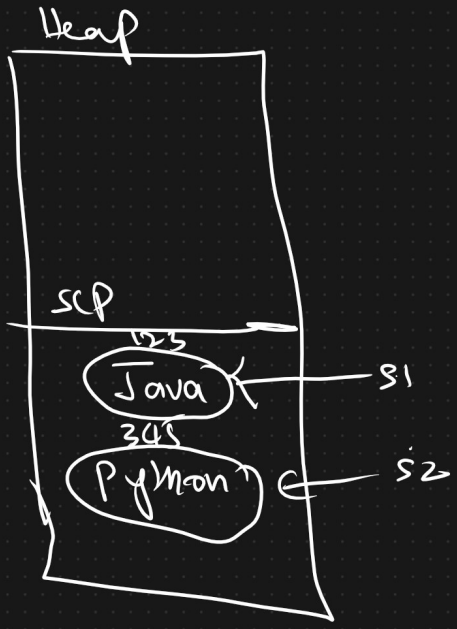


s1.equals(s2) → true

s1.equals(s3) → true

s3.equals(s4) → true

- s1 == s2 => True
- s1 == s3 => False
- s3 == s4 => False



String s1 = "Java";

String s2 = "Python";

(s1 == s2) => False

=> concat() <-> '+' operator.

=> String s1 = "Telusko";

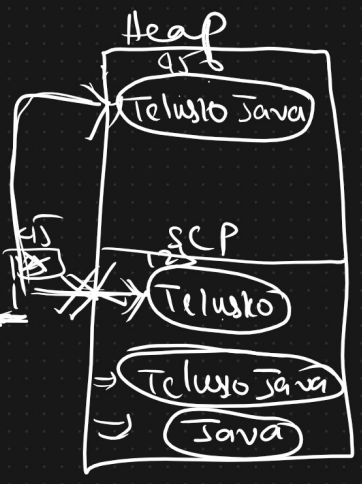
s1.concat("Java");

Telusko Java

String s1 = "Telusko" + "Java";

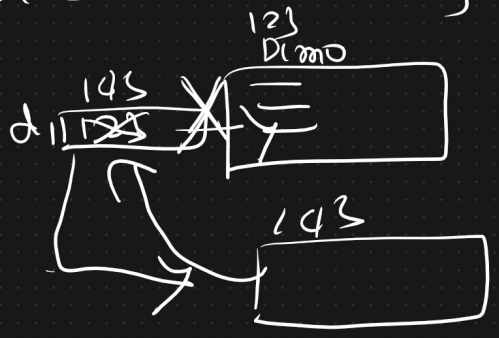
Immutable

```
String str1="Telusko";
System.out.println(str1);
str1.concat(" Java");
System.out.println(str1);
```

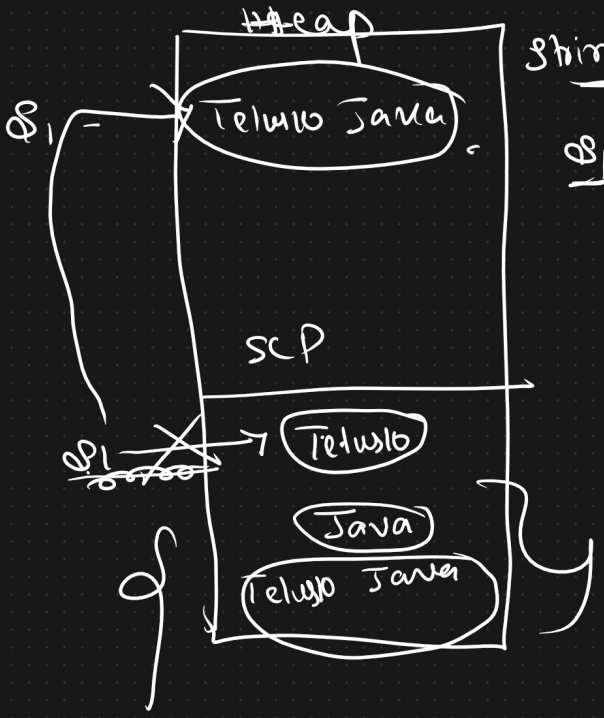


class Demo
{
}

Demo d1 = new Demo();



d1 = new Demo();



JVM
↓
String
↓
" "

String s1 = "Telusko";

s1 = s1.concat("Java");

```
String s1 = "Java";
String s2 = "I" + "J";
String s3 = s1+s2;
String s4 = "Hydel" +s1;
```