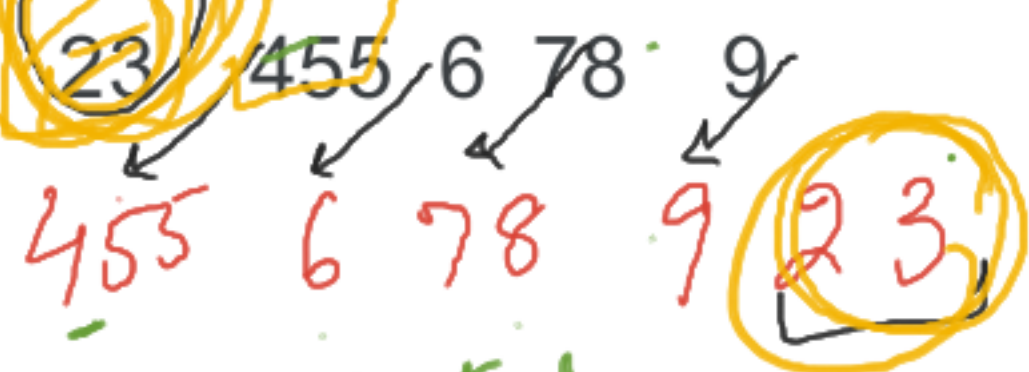




Last Index = arr.length - 1



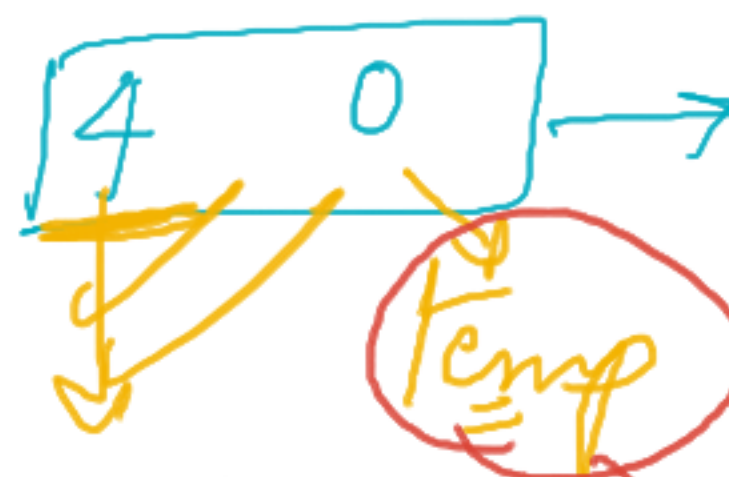
int temp = arr[0]; // 23  
 for (int i = 0; i < arr.length; i++) {

[arr[i] = arr[i+1];]  
 = 455

3

455 6 78 9

0 + 1  
 0 ← 1  
 1 2 1 + 1  
 2 3  
 3 4



9  
 23

String toCharArray() → return type of toCharArray() Method  
↳ converts the string into char type Array

String "Jagroop" toCharArray();  
1D Array ← ['J', 'a', 'g', 'r', 'o', 'o']  
Char

what is the return type of `charAt(0)`? CamelCase  
[str!program]

String str = "Jagwoop";

Method

→ return type / In which type of var  
can store the data

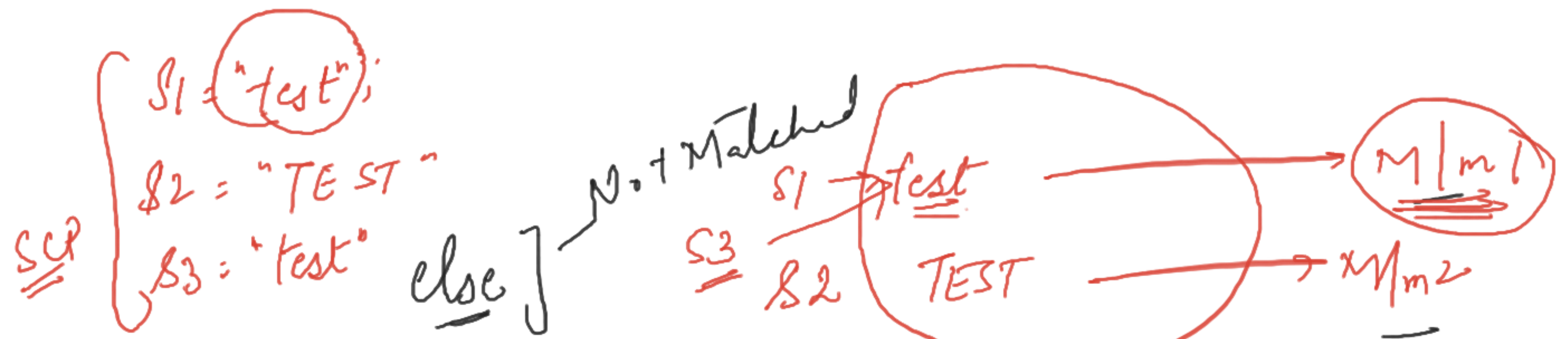
- |                       |   |       |  |                  |
|-----------------------|---|-------|--|------------------|
| 1. str.length()       | → count the No of chrs.                         | → (7) |  | ( <u>int</u> ) a |
| 2. str.toCharArray()  | → Converts string to Array                      |       |  |                  |
| 3. str.charAt(index)  | → Return the char placed at specified index No. |       |  | → char[] arr     |
| 4. str.indexOf('g')   | → returns the Index of char                     |       |  | → char ch = ' '  |
| 5. str.toUpperCase(); | →   |       |  | → int            |
|                       |   |       |  | → String         |

st = Jagroop →  
J  
a  
g  
r  
o  
o  
p  
println

Loop → Index → 0  
    < str.length

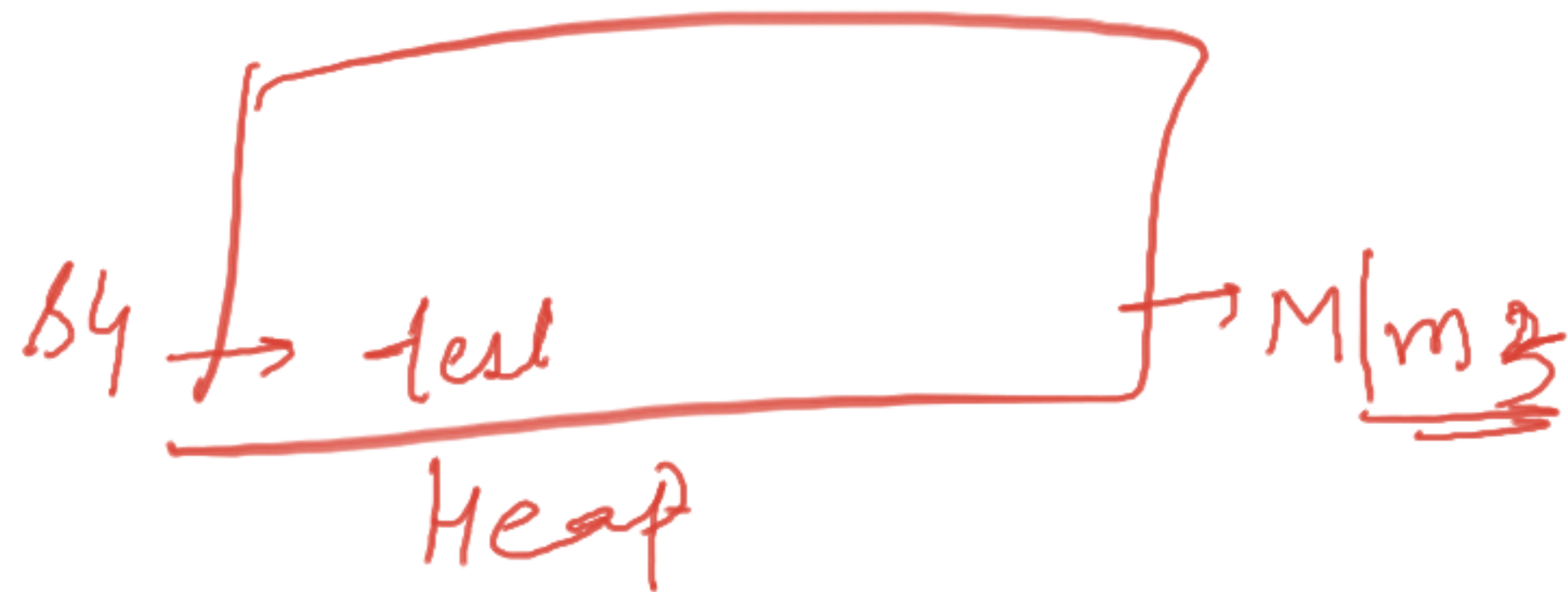
st.charAt(i);





$S_4 = \text{new String ("test")};$

SCP



What is the diff. b/w '==' & equals() in java?  
String

(==) operator that will compare the  
M/m address or ref. objects.

equals() → compares the seq. of chars.

Method	Description	Return Type
charAt()	Returns the character at the specified index (position)	char
compareTo()	Compares two strings lexicographically	int
compareToIgnoreCase()	Compares two strings lexicographically, ignoring case differences	int
concat()	Appends a string to the end of another string	String
contains()	Checks whether a string contains a sequence of characters	boolean
endsWith()	Checks whether a string ends with the specified character(s)	boolean
equals()	Compares two strings. Returns true if the strings are equal, and false if not	boolean
equalsIgnoreCase()	Compares two strings, ignoring case considerations	boolean
indexOf()	Returns the position of the first found occurrence of specified characters in a string	int
isEmpty()	Checks whether a string is empty or not	boolean
lastIndexOf()	Returns the position of the last found occurrence of specified characters in a string	int
length()	Returns the length of a specified string	int
regionMatches()	Tests if two string regions are equal	boolean
replace()	Searches a string for a specified value, and returns a new string where the specified values are replaced	String
replaceFirst()	Replaces the first occurrence of a substring that matches the given regular expression with the given replacement	String
replaceAll()	Replaces each substring of this string that matches the given regular expression with the given replacement	String
split()	Splits a string into an array of substrings	String[]
startsWith()	Checks whether a string starts with specified characters	boolean
substring()	Returns a new string which is the substring of a specified string	String
toArray()	Converts this string to a new character array	char[]
toLowerCase()	Converts a string to lower case letters	String
toString()	Returns the value of a String object	String
toUpperCase()	Converts a string to upper case letters	String
trim()	Removes whitespace from both ends of a string	String
valueOf()	Returns the string representation of the specified value	String