① two → literals , new

String s1= "Test";

SCP

int

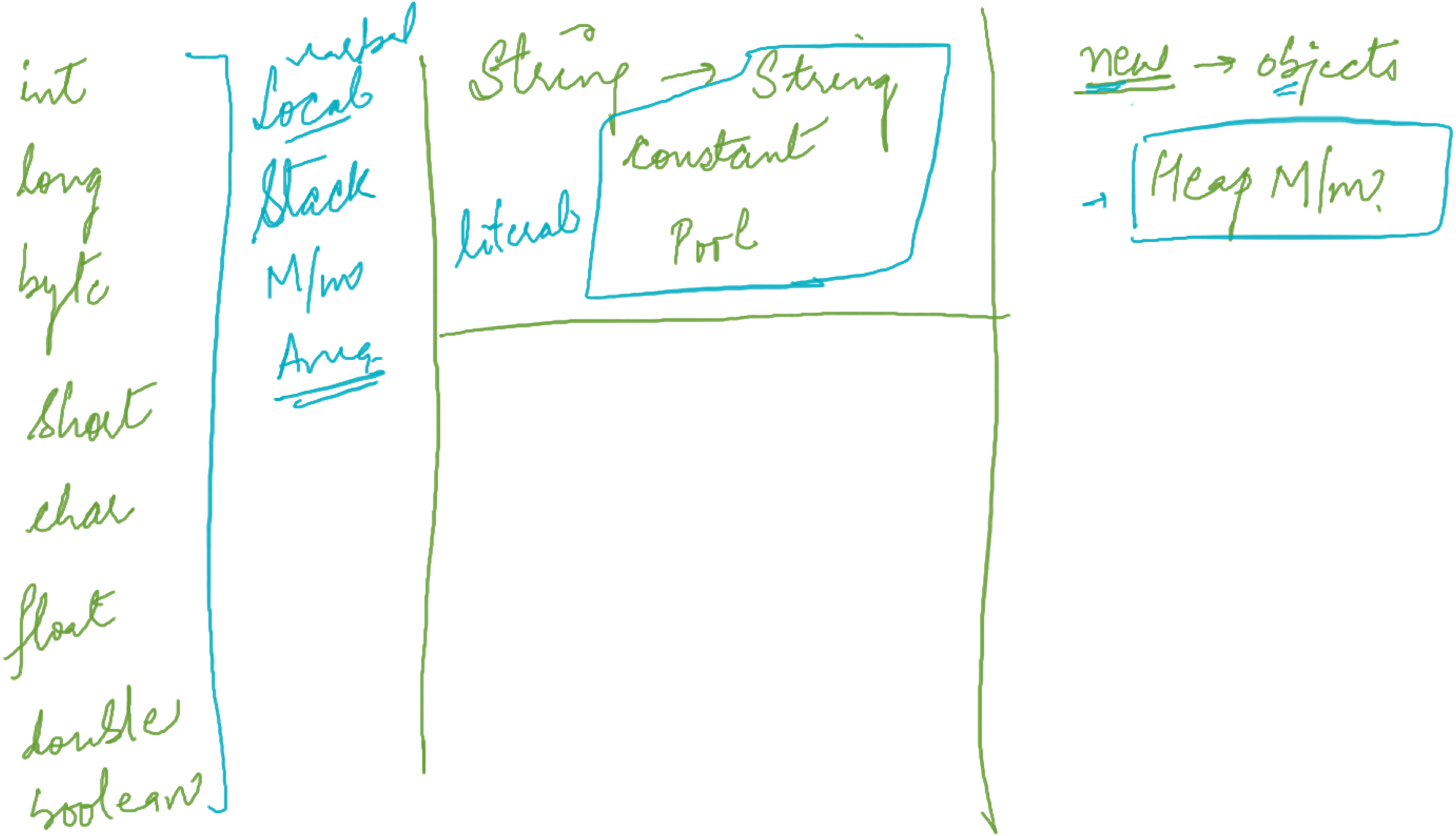
String s1 = new string ("Test");

keyword

To create object

Storage M/mo

Heap M/mo



int
long
byte
short
char
float
double
boolean

variabl
Locals
Stack
M/m
Arrg.

String → String Constant Pool

literals

new → objects

→ Heap M/m

```
String s1 = "TEST"
String s2 = "TEST"
String s3 = "test";
```

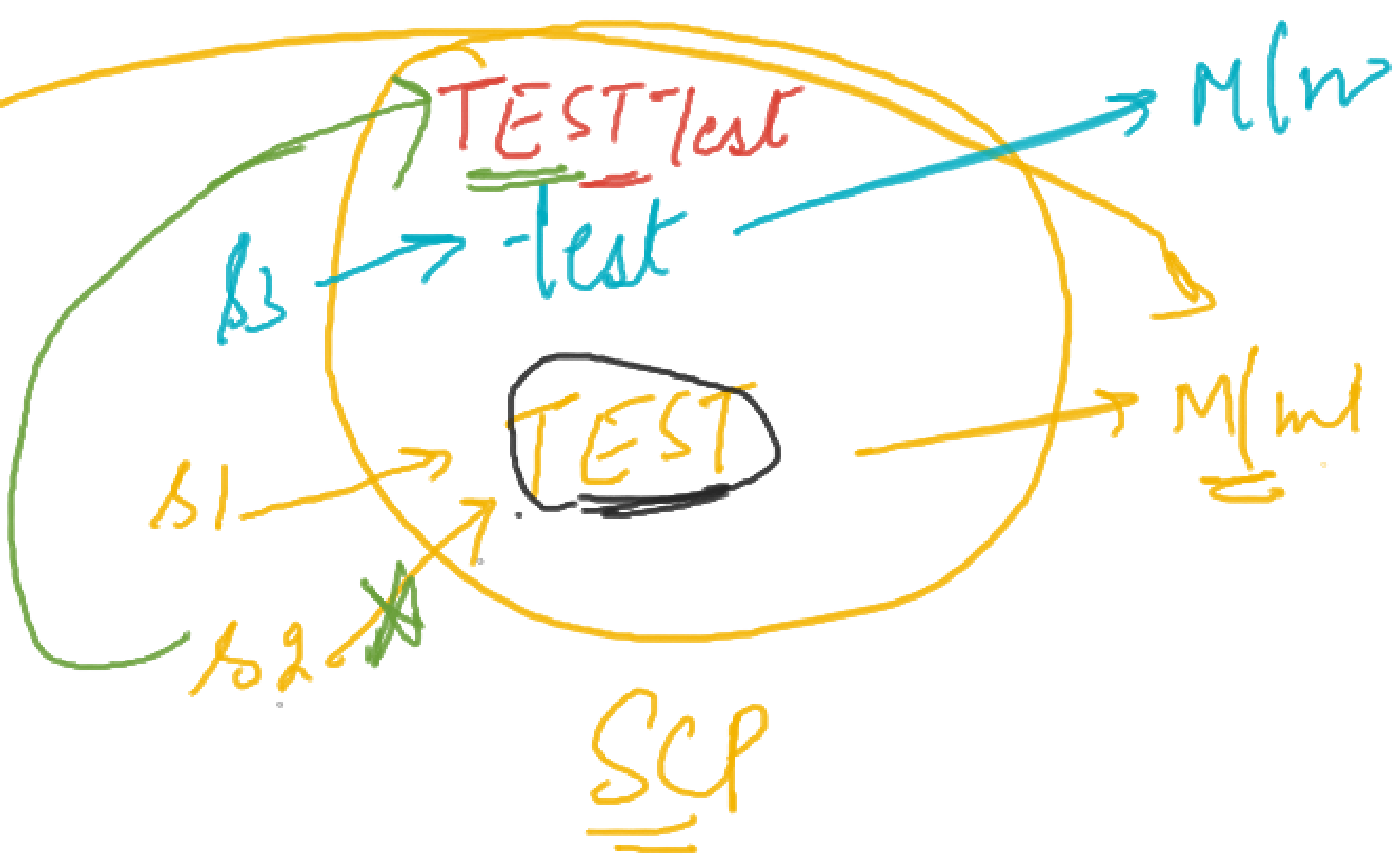
s1 → TEST

s2 → TEST

s3 → test

s2 → TEST

s2 = s2.concat(s3); //

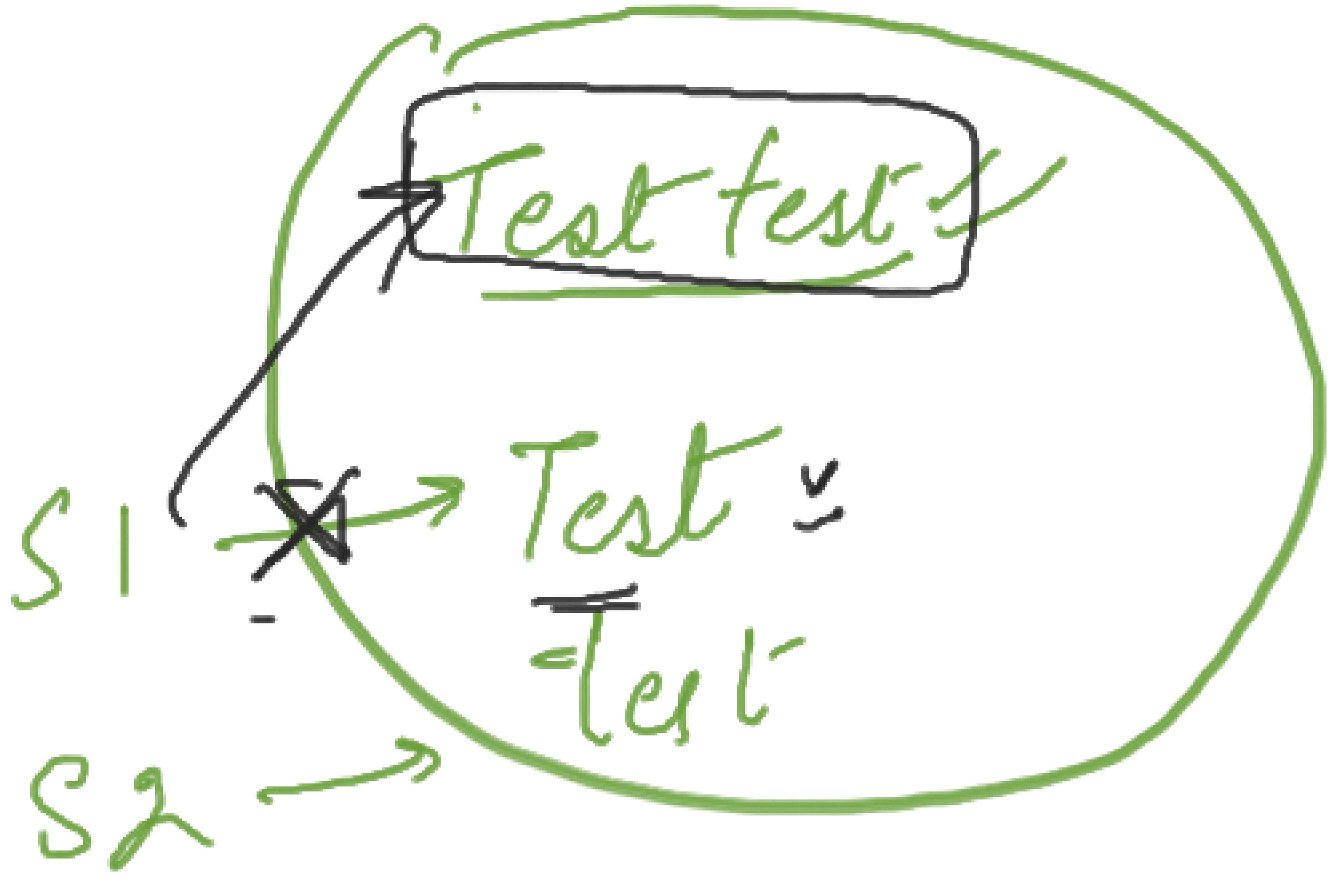


Syso ( s2.concat(s3);)

TEST test

```
String s1= "Test";
String s2= "test";

Syso(s1.concat(s2));
        ↓
     Testtest
```



```
Syso(s1); // Test

s1= s1.concat(s2); // Testtest
```

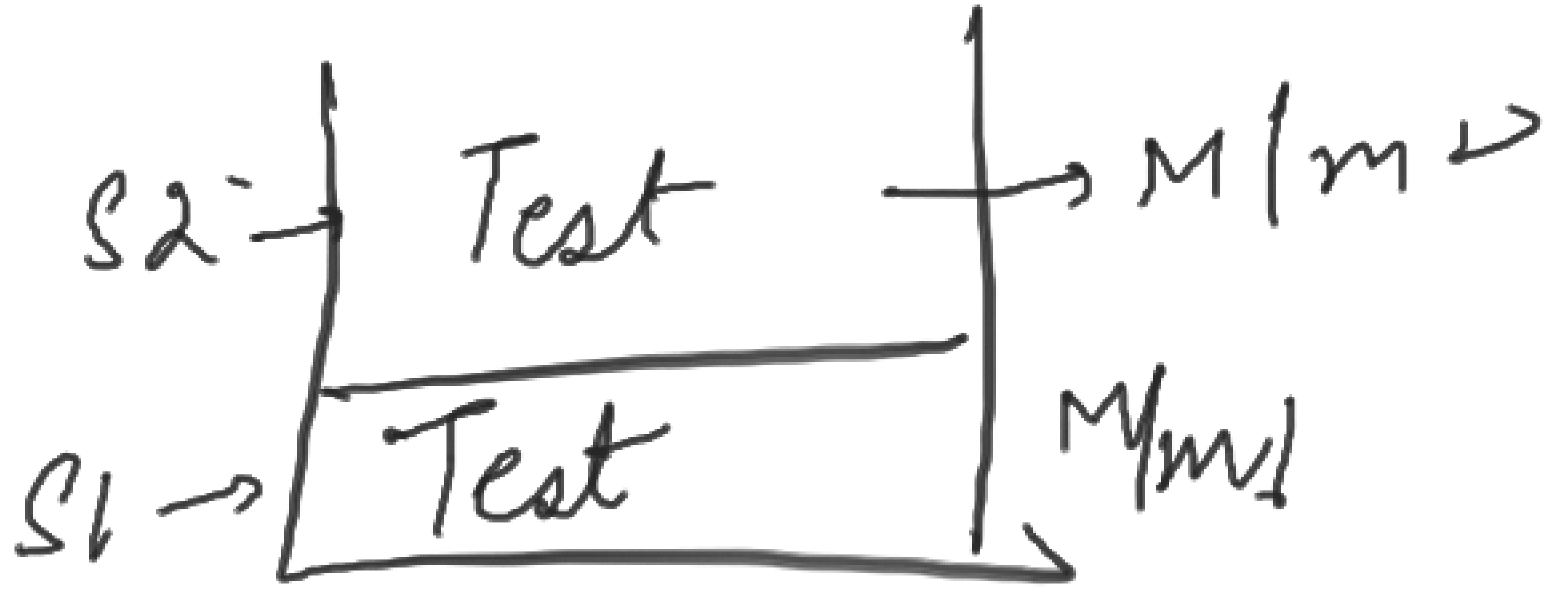
new

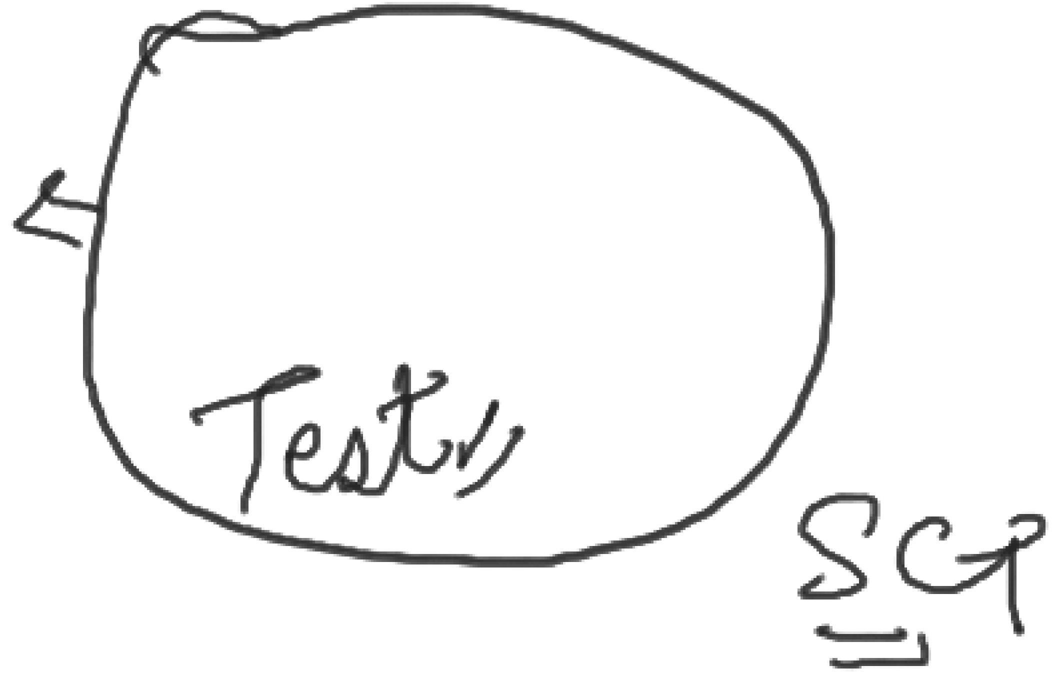
String S1 = new String ("Test"); → object Heap M/m

String S2 = new String ("Test");

allocate New M/m

Location





# String is Anagram or not?

→ S1 → SILENT →

S2 → LISENT →

$$\begin{bmatrix} A & B & C & D \\ D & C & B & A \end{bmatrix}$$

S3 → SILEMS

128

# # SILENT - LISTEN

6 7

6 6 listen → 400

ASCII Code

→ length ]

→ uppercase | Lowercase

→ Convert into Array

→ Sort the Array

→ comparing the chars. of both Strings.

6 — 6 ✓

upper - upper ✓

['S', 'I', 'L', 'E', 'N', 'T']

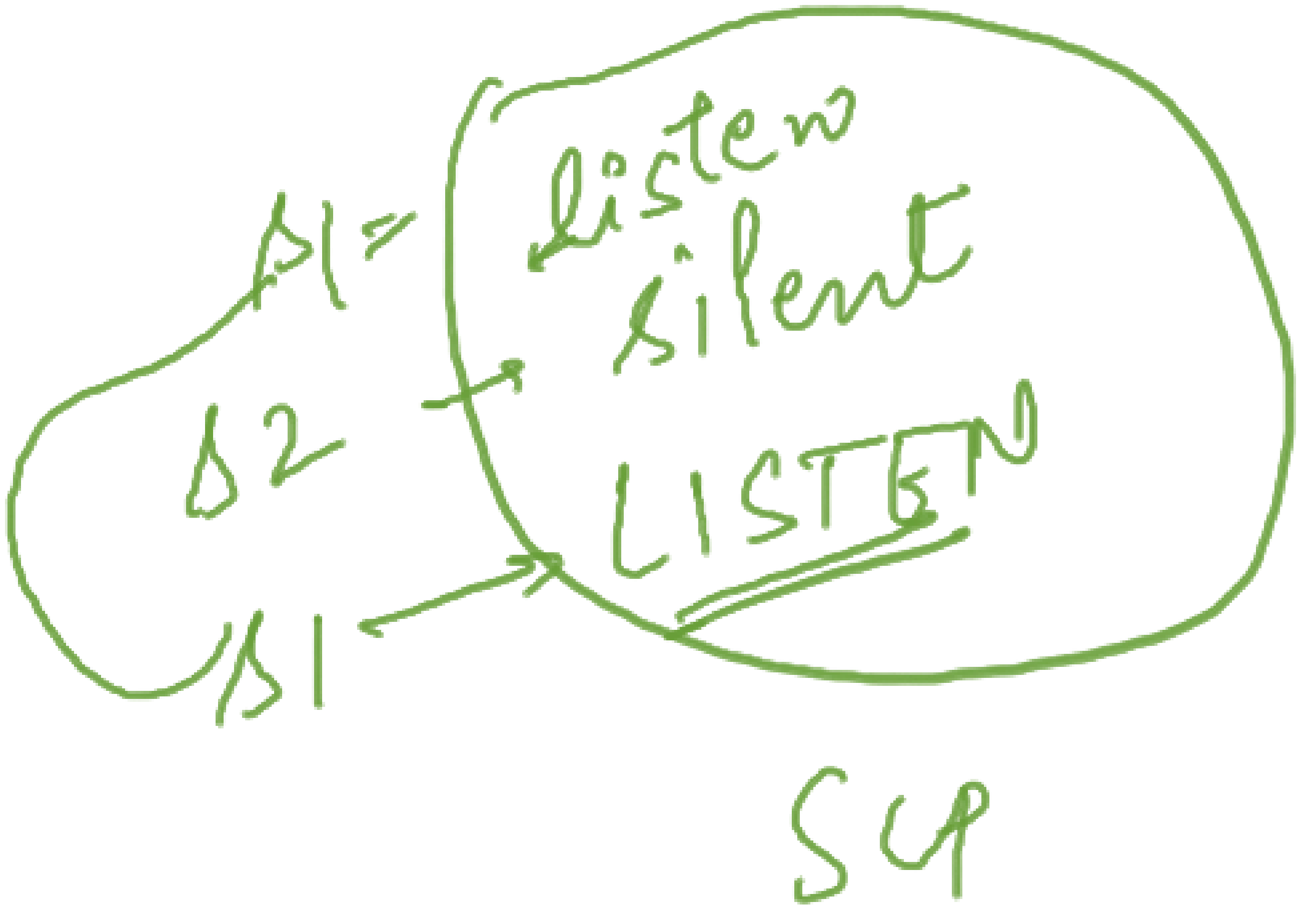
[L, I, S, T, E, N]

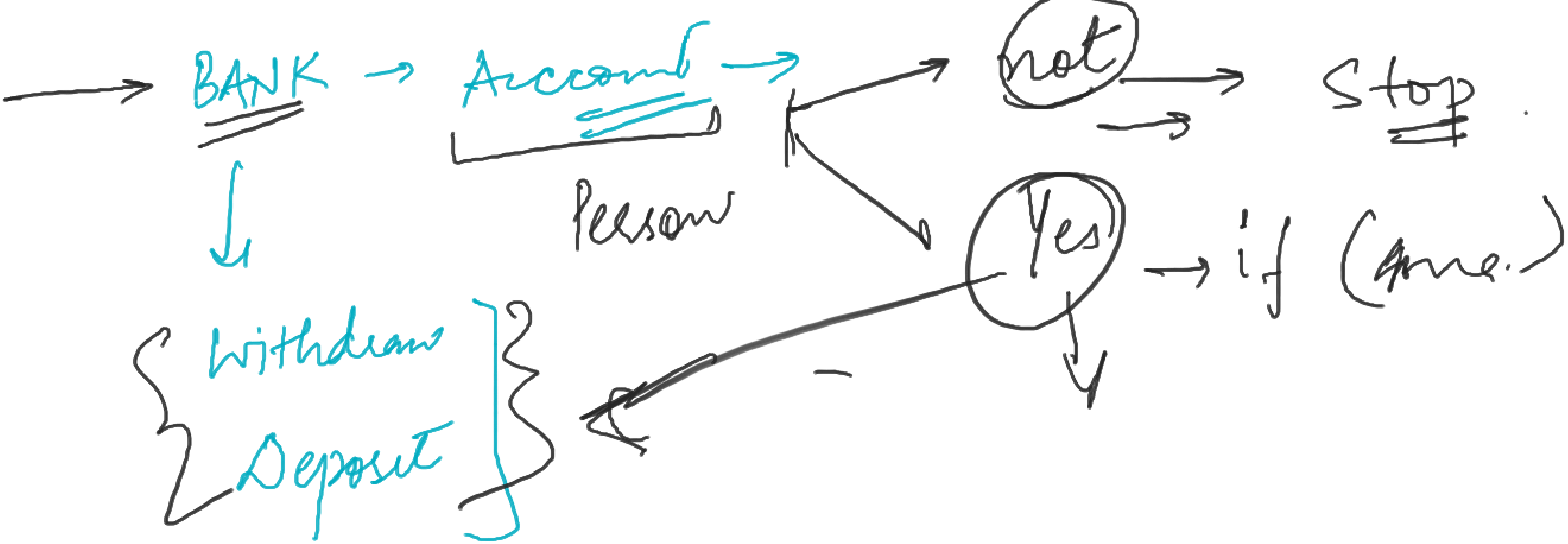
['E I L N S T]

[G I L N S T]

```
String s1 = "LISTEN";
String s2 = "silent";
```

s1.toLowercase() → listen




BANK
Account
Person
not
Stop
Yes
if (cond.)
Withdraw
Deposit

s

[e, i, l, n, s, t]

[a, e, l, n, s, t]

boolean flag = false;

T

Ans

30 min ← $e \neq a$ → Anagram no

1hrs $0 \neq 0$

1:30

2hr

flag = true

break; → execution stop

This is not an Ans

flag → true → cond

R.S.M → Flag → green

↓

Red → train reach not on time

green → train time
on

Waiting – 2hrs

30 min → msg

not

flag → reqd

↓

Stop.

Red → train is not
co—

String S1= "My name is jagroop Kaur;

String targetStr = "is";

My → * *

name → 4 (* * * *)

Kaur

[My * * * * is jagroop kaur.]

S1 = "My_name_is_SM

= S1.split("_");

↓

String[ ] = {"My","Name","is","SM"};

```
String str = "My name is Jagroop Kaur";
      String targetStr = "Jagroop";

      // convert to String type Array
      String[] strArr = str.split(" ");
      //System.out.println(Arrays.toString(strArr));// ["My", "name", "is", "Jagroop", "Kaur"]

      String newStr="";
      for (int i = 0; i < strArr.length; i++) {
            if(strArr[i].equals(targetStr)) {
               int wordlength = targetStr.length();
               for(int j=0;j<wordlength;j++) {
                  newStr+="*";
               }
               newStr+=" ";
            }else {
               newStr+=strArr[i]+" ";
            }
      }

      System.out.println(newStr);
```

is =

newStr = "";

i=0; i< 5

// 2

0

1

if( My.equals("Jagroop"))

{ name is

= ↓ 7

} else {

newStr += " ~~Jagroop~~ My

My name is ******* | }