Dut a typs Non PM Char Stuch, guon single quot Char -> Syntar -> chan ch = 1 a

of chan (JONO) 1 byte -> < / (++ 2 byto ASCII 65, 66,67

chan an iaby 98

int i = 65;

System. out. println("This is char: " + (char)i);

Type Cost

Out atype

Datatype

Type (ast)

 $m \rightarrow chan$

65)—) chan—) A

```
public static void main(String[] args) {

    // Syntax
    char ch = 'a';
    char ch1 = '1';
    char ch2 = '$';

    int i = 65;

    System.out.println("This is char: " + (char)i);

    System.out.println("This is char to int " + (int)ch);
}
```

Ch - 1 a 1

-> 5 T

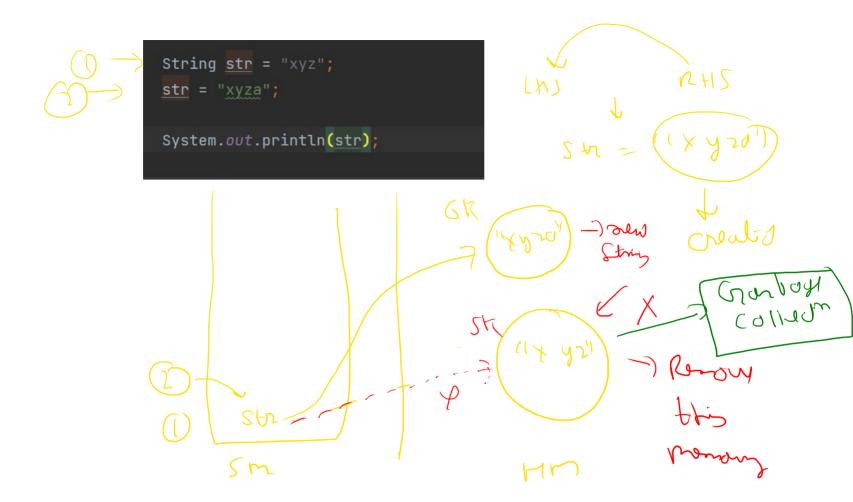
1 Lot of Spad Momony Strong, Dray, Stock, guen Spoce he of hours Objet of on On Promitu Dotaty Heap myon Stack money (ind, long, Not, cha 60d Jm) variables / Reference of money related / coldwine v

keywood -> non Promitive O ataly deliner per les variable suot on roll prem van dototyde men -> Ref. Variable Mon

Cha ch-la -mt a-_ 5 Story 5tr - " xyz" Melvino V

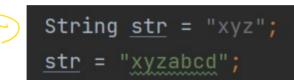
I Timpo Non Promition - Immutable in nature (comat update astron)

sty = " X Y Z") System.out.println(str); sty 1 = 11 845 411;

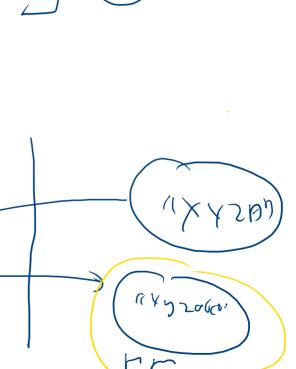


Story Str = " xy 20 kd" Index 0 1 2 3 y 5 6 Str -> Chan Sh. chart (idx) -> Str. chart (3) System.out.println(str); \longrightarrow char ch = str.charAt(n)System.out.println("Char from str is : " + ch); 5h. length () - len of strop -

```
// Other type
String str1 = new String(original: "XYZA");
System.out.println(str1);
```



System.out.println(str);



Loops 9 far soch do-while 2 while loops () you · Growking , mored / Syntor) for (initial value De wont Can $(int \underline{i} = 1; \underline{i} < 10; \underline{i} ++)$ {

```
for (int i = 1; i < 10; i ++) {
                     // body
                     System.out.println(i);
        ; ic16 ->
1-, 3; i c (0 -> 3 -> i + 1
\frac{1}{1} - \frac{9}{1} \cdot \frac{1}{1} \cdot \frac{1}{1} = \frac{9}{1} \cdot \frac{1}{1} + \frac{1}{1}
7-10;1010 >> brok
```

```
// Syntax
for (int i = 1; i < 10;) {
    System.out.println(i);
    i = i + 2; // i += 2;c
}</pre>
```

i++ -> i=i+1 i+=2 つ i - 1+2 · - - - | - | - | 1-=2=)1=1-2 (*=) (-) (X)

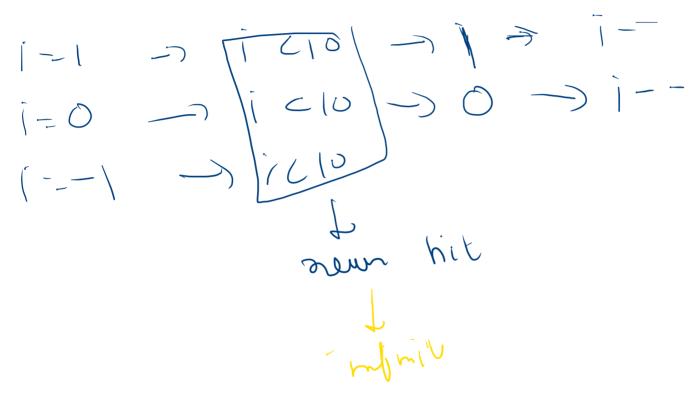
benervant toog (-++|

this post forcement

this post forcement

tti - pro mound i-- prod down --i - pro down

```
for (int <u>i</u> = 1; <u>i</u> < 10; <u>i</u>--) {
    System.out.println(<u>i</u>);
}
```



for (int i = 10; i > 0;) { for (int $\underline{i} = 10$; $\underline{i} > 0$; $\underline{i} - -$) { System.out.println(<u>i</u>); System.out.println(i); [-= 10· → 1 > 0 → 10 → 1--1-9-7170 -> 1>0 -> break

```
for (int a = 1; a < 10; a++) {
   System.out.println(a);
System.out.println(a);
```

 Octor

```
for (int i = 1; i \le 10; i ++) {
    System.out.println("**********************************);
    System.out.println("i: " + i);
    for (int j = 1; j \le 10; j \leftrightarrow) {
        System.out.println("j: " + j);
        for (int k = 1; k < 5; k++) {
           System.out.println("k: " + k);
       }
 アメンメして
(0 × 10 × y -> you ithos
```

```
for (int \underline{i} = 5; \underline{i} > -1; \underline{i}---) {
                        for (int j = 10; j > 0; j--) {
                                  for (int \underline{k} = 1; \underline{k} < 5; \underline{k}++) {
Punlle
                                  for (int k = 1; k < 5; k++) {
```

× 10 x 5

= (8×5-300

(5) X sec (3-1 35)

M- 2 النسو ۴ -) 2 × 1 = 2 7x3 = 12 M74-16 Scanner scn = new Scanner(System.in); 475=20 System.out.println("2 x " + \underline{i} + " = " + $n*\underline{i}$); 2 × 5 - 10 2 1 10- 20

take = IP from ush

N= 10

The sem of notional outline

Sem - 1+2+3+ - n

```
int sum = 0;
for (int <u>i</u> = 1; <u>i</u> \le n; <u>i</u>++) {
    sum += <u>i</u>;
}
System.out.println(sum);
```