"The only thing that stands between you and your dream is the will to try and the belief that it is actually possible."

Off Literals & Variable

· Literals - fixed value -directly in our program.

It Types of literals

- · Integer -> 10,5,-101, 12, etc
- · floating point No. -> 1.85, 3.5, 552.2, -4.
- . character ('c') (a'), (+'), (L'), (**),
- · String "krishna", "Hello World".

Variobles

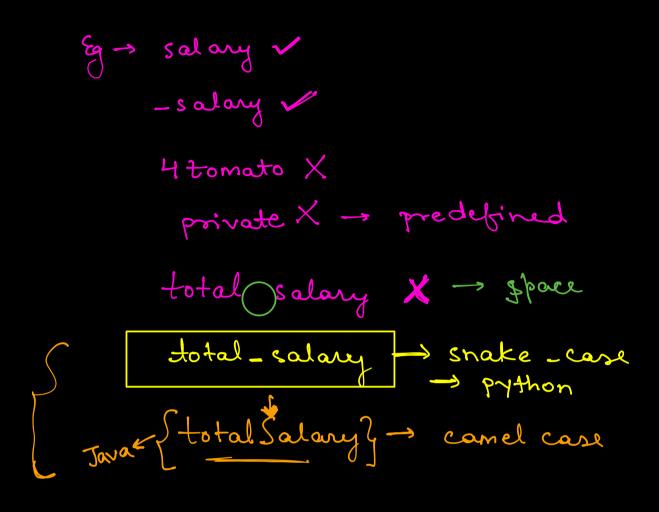
Come used to store data, so that we can use it later in the program.

Create A Variable G Variable name → (unique) name Co data type -> the type of data we need to store in our variage variable liquid data-type 5 L Container declaration int (age; age = 24; assigning value to age variable (initialization Memory عوه int age; 🗸 age = 24; System.out.println(age); System.out.println("age"); - age

· 2 data - types to store a decimal value -> float / double -> decimal value 1 variable float salary = 500000.98f; double price = (25.99;) - data, value System.out.println(salary); Literals System.out.println(price); 12-13 digit 6 digit float double - memory les menony

Rules for Naming a Variable.

- variable names consist → alphabets, digits
 Hello-World , \$, (underscore)
 Krishna
- · Variable name cann't start with no.
 4 Yash
- Variable name doesn't contain any reserved Keyword (Fredefined) X Eg Jouble String, System, println()



Challenges

2. Store the value 235 in y variable of int data type and then print y+10

Store values 165, 84 in x and y variable of int data type and print x+y, x-y, x*y, x/y.

Store values 20, 30, 40 in the variable x, y, z each of int data type and print x+y-z.

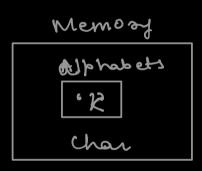
^{1.} Store the value 100 in x variable of int data type and then print x. こしっ

```
Remove the last digit of a given number. Say 45983 / 10

Find the last digit of a given number. Say 45983 / 10
```

System.out.println(45983 / 10); // 4598
System.out.println(45983%10); // 3

- · int
- · float ~
- · double V
- · char



· boolean

Tybe	· Used for
• Int	Integer
· Double	7
· float	Decimal
· chan	characters
· boolean	t/ f

Scanner Scanner

packages < method

output -> System.out.pointln();

In put

class

Scanner (System in);

Yerex shop (obj - xerox waley bhaiya

int 7 = scnonex+Int(). > paper

print (x);

method

Scanner scn = new Scanner(System.in);

int x = scn.nextInt();

int y = scn.nextInt();

int z = scn.nextInt();

System.out.println(y);

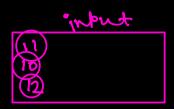
System.out.println(x);

System.out.println(z);

12

Memory

Nemory



```
double salary = scn.nextDouble();
System.out.println(salary);
```

```
public static void main(String[] args) {
    Scanner scan = new Scanner(System.in);
    int a = scan.nextInt();
    int b = scan.nextInt();
    int c = scan.nextInt();
    System.out.println(a);
    System.out.println(b);
    System.out.println(c);
```

(4) ny name is Krishna

```
Scanner scn = new Scanner(System.in);
String str = scn.next();
scn.nextLine();
String str1 = scn.nextLine();
System.out.println(str);
System.out.println(str1);
```

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Hi