Pwy3

④ Assignment Operator:

- For assignment prepare
- Right value left assign

```
int a=40;
sysout(a);
```

OUTPUT
40

```
int b;
b=a;
Sysout(b);
```

OUTPUT
40

=, +=, -=, *=, /=

+= ⇒ b=b+a

-= ⇒ b=b-a

*= ⇒ b=b×a

/= ⇒ b=b/a

(5) Unary Operators :

Increment Operators : /post/pre

++

decrement Operators : /post/pre

--

eg: int a=60;

sysout (a++); → post increment (First assign)

sysout (a--); → post decrement (First assign)

sysout (a) : /61

sysout (--a); /60 → pre decrement

sysout (++a); /62 → pre increment

DataTYPE:

→ • Java, c is strictly typed progeramming Language
• Datatype mention mandatory
• int a;
a=10;

→ Dynamically typed int a=10;
num=10;
num = "hello"; (python)

Data type decides which kind of value that are

(1) Primitive Data type: / inbuilt data type :

- Byte - 8 bit (127)
- short - 16 b
- int - 32 b
- long - 64 b
- float - 32 b (F)
- double - 64 bit
- Boolean - True/false (1 bit) (true)
- char = 16 bit ('M')
- String m = "Manu";

• cannot create function on their own

(2) Non-primitive Data type:

- string → we can create functions based on strings
- class → is also a predefined class.
- Array
- Interface