Geekster

Operators, Datatypes and Voriables

olevators

substitute of modulo | Made of modulo of of the substitute of the subst

2+2 = 4

Post Increment
Pre Increment

Post Dea

Pre Del

System. out. println(2+2) > 4

SOUT (3-2) => 1

SOUT (3*2) => 6

SOUT (3/2) = 1 = Integer/triteger

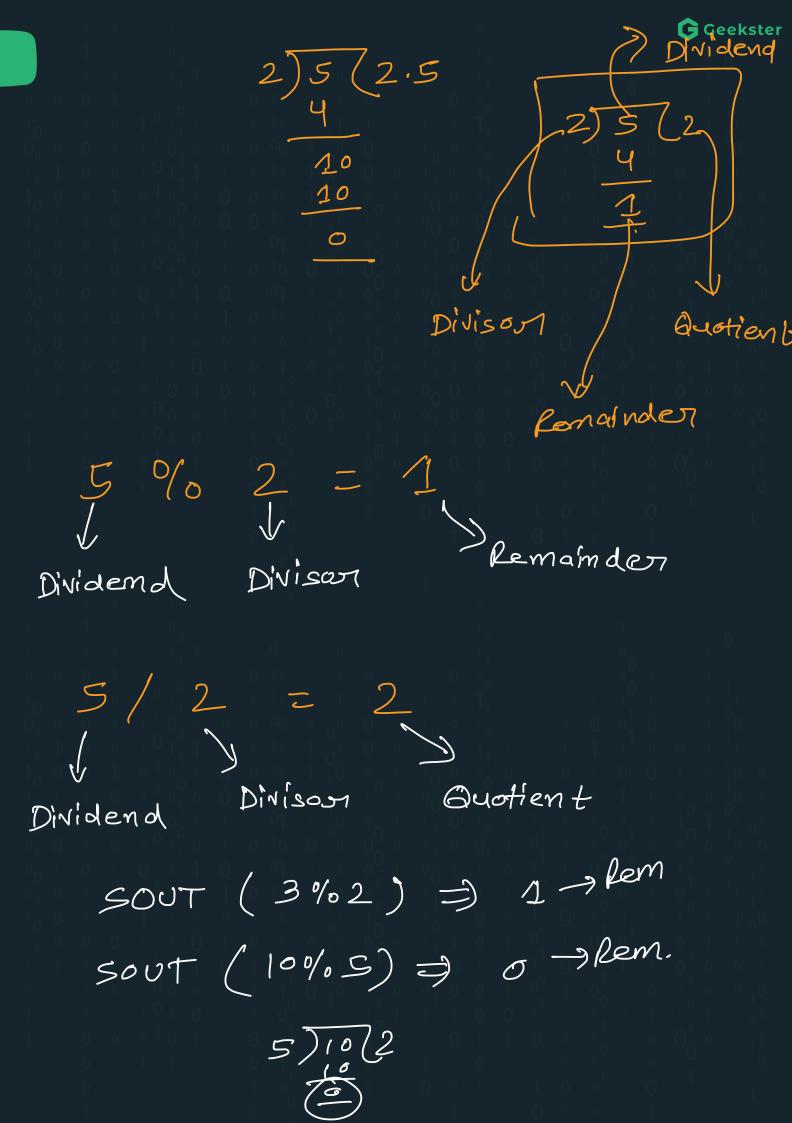
3/2= 1.5 7 Flood Value: UPPET

Circle Value: Lower

SOUT (5/2) => 2

SOUT (10/5) => 2

% of gives the remainder 5(2 =) 2 (femainder =1)





floor value = lower Integer value

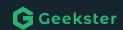
ceil value = upper Integer Value

3/2 => 1.5

floor (1.5) => 1 ceil (1.5) => 2

System. out. Println $(3/2) \Rightarrow 1$ System. out. Pln $(3.0/2) \Rightarrow 1.5$ System. out. Pln $(3/2.0) \Rightarrow 1.5$ System. out. Pln $(3/2.0) \Rightarrow 1.5$ System. $(3.0/2.0) \Rightarrow 1.5$

If any of the value between dividend & divisor is in decimal form, then you will get decimal



tt : Increment operator

--! Decrement operation

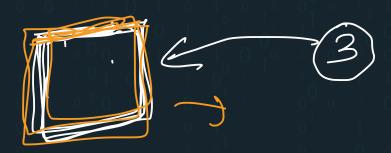


Variable #

Datatypes

placeholden Variable is a Box

Integer



 \rightarrow SOUT (3)

→ SOUT (3*2)

fooimat:-

Lint Dabba/Box Name = 3;

int my variable = 5;

we have defined a variable

Dealweation

int my Var ;

Intialization

my Vovi = 3;

It for Proper code execution;

of first do the declaration and ther

Declaration + Initializh

> Definition

int my Var = 2;

Definn

my Vaol = 3;

Incorrect

int my vaer;
my vaer = 3;

int my vous;
System, out poilort In (my vous);

DataTypes



Primitive DT

Usen Defined DT

Derived DT

int =) lepresents Integer value

Boldlean =) Toine on falle

Yes on No

Haam an Na

Pleat =) lepresents decimal value

double =) "

Char =) a single alphabet on

special characters like 1,+-, 18,

7.7,1,

```
public class Main {
```

```
// * Neither we can redeclare a variable (we
```

//HW

- // 1. Use pre and post increment operator on a variable at the same time.
- // 2. Try to play around with Pre and post decrement operator
- // 3. Find sum and difference of x and y. Take any value in x and y.
- // 4. Find the area (pi*r*r) and perimeter (2*pi*r of a circle. Take any values for pi and r.