## Operators

1) Azithmatic Operators + , - , \* / , (1) modulus operator int a = 10; int 6 = 20;int c = a+b; 1/ 30 sysocc)

1. > scencinder

10 % 3 // 1

2 Unary Operators

b possed o

a) Increment b) docrement c) Negation d)+,-

In coment Operator 1) Pare increment ++ a

(1) Figest increment then use the incremented value

2 Post increment at+

(2) First use Original then increment

Memory int a = 10; int b = ++ a; C 11 9 yeo (b) // 11 11 int c = a+t; a 12 Stack Heap int a = 1; int b = a++ + ++a; syso(b);

int 
$$a = 5$$
,
int  $b = ++a$ ;
int  $c = a + t$ ;
int  $d = ++c$ ;
int  $d = ++c$ ;
$$a = 5$$

$$b = 6$$

$$a = 5$$

$$a = 7$$

$$a = 5$$

$$a = 7$$

$$a$$

c) Nagate (!)

boolean a = galse

syso(!a) // tove

syso(!!a) // galse

d) +, -in+6=+10; in+a=-5;

3) Relational Operators equals

>, <, > = , < = , = = ,!= equals

comparison

equality

int a = 5; int b = 10;

boolean c = a = = 6; galse a > 6; false a < = 6; true a = 6; true

(4) Logical Operators And 88 Og. | \ 3 boolean enpressions 22 b a > 6 & & c > a

5) Ternary operator boolean empression ? Valuel: Value 2 ig emp is int a = 10; int 6 = 0 > 5?3:7; Syso ( galse? 'a': 'b');

(b) Assign ment Operators

(c) 
$$Assign ment Operators$$

(d)  $Assign the value of RHS in LHS$ 

int  $a = 2$ ;

int b = a + 2 a = a + 5; a + = 5;

