4. Types of operators in Jara

What is operators?

Symbols used to peaform operations on data stored in variables".

Types of Java operators Azithmetic Operators. Assignment operators. Composison opesators. Logical Operators Incornent & peccoment operators Conditional (Ternaly) Opelation,

1. Azithmetic Operators.

" Used to perform arithmetic operations like add, substrat multiply, division of modulus." +, -, *, /, 1/0 (modulus) 11 Earral to

- 11 multiply (*) (int 9 = 10; int paoduct = q + b; int b = 5;I Obst Engl to Millivision (1) angload 11 oddition (+) int quotient = 9/6; int sum = a+b; Il Greater than 11 Substract (-) 11 Modulus (1) int difference = q-b; int remainder = q 1.6;

2. Assignment operators " Used to assign values to vooiables." int x = 10; 11 Equivalent to: 2 = x+51 x+= 5; int y = 10; 11 Equivalent to: y = y - 5y -= 5; 3. Comparison Operators used to compare 2 values " int num 1 = 10; int num 2 = 20; 11 Equal to boolean is Equal = (num1 == num2); // Not equal to boolean is Not Equal = (num 1 != num2); 11 Greater than boolean is Greater Thon= (num 1 7 num2);

11 Less than boolean is Legs Than = (num 1 < num 2); 4. Logical Operators " Used to peoform Logical operations " boolean (a = = sotare; - mote printe boolean w = "false; Intring to metale "Il Logical & AND and Library MI IT If when both true then true in Status variable & if the boolean result = CR && W); // Logical OR 11 Logical OR 11 when 'both false' then false. boolean result = (QII W); 11 Logical NOT (apposite) boolean result 3 = (!a); 5. Incoement & Decrement Operators " used to increment I decrement the values of a vasicibles! 11 decomment by 1 int count = 10; count --; 11 incoement by 1 count ++;