Shorthanded operators

Shorthand operators

NAME	SHORTHAND OPERATOR	MEANING
Assignment	x = y	x = y
Addition Assignment	x += y	x = x + y
Subtraction Assignment	x -= y	x = x – y
Multiplication Assignment	x *= y	x = x * y
Division Assignment	x /= y	x = x / y
Remainder Assignment	x %= y	x = x % y

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Shorthand Operators

OPERATOR	Expression	MEANING
=	x = y	x = y
+=	x += y	x = x + y
-=	x -= y	x = x - y
*=	x *= y	x = x * y
/=	x /= y	x = x / y
%=	x %= y	x = x % y

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shorthand Operators

- X=10; Y=20; X+= Y è X= 10 +20 = 30 ;
- A30; B=10; A-= B è A= 30 – 10 = 20;
- X= 2; Y= 3; X*= Y è X= 2 * 3 =6;
- A= 10; B=2; A /= B è A= 10/2 = 5;
- X= 20; Y= 3; X%=Y è X= 2;

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Task

- 1. Given int z= 198;
  - verify that the number of z is even number

- 2. byte a= 30;
- Int b = b+= a; what's the value of b?

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Relational Operators

Relational Operators

All relational operators return Boolean(true or false)

Description	Operator
Greater than	>
Greater than or equal	>=
Less than	<
Less than or equal	<=
Equal	==
Not equal	!=

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Task

Declare and Initialize 2 numbers.

Program should display if the first number is greater than second number. Output should be in the following format:

"First number number is greater than Second number – True/False"

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