### 4. Difference between “ == “ and “ === “ operators.

Both are comparison operators. The difference between both the operators is that “==” is used to compare values whereas, “ === “ is used to compare both values and types.

**Example:**

var x = 2;

var y = "2";

(x == y) // Returns true since the value of both x and y is the same

(x === y) // Returns false since the typeof x is "number" and typeof y is "string"

**The ‘ == ‘ operator compares values and not types.**  
  
While the above statement is a simple way to explain == operator, it’s not completely true  
  
The reality is that while using the ‘==’ operator, coercion takes place.  
  
The ‘==’ operator, converts both the operands to the same type and then compares them.  
  
Example:

var a = 12;

var b = "12";