010 TypeScript - ternary operator

TypeScript Kata List – Blog Page

TypeScript Kata List – Github Page

# Duration

5 minutes

# Brief

Using a ternary operator (?) to check for null.

### For More Information

BING/GOOGLE: “TypeScript ternary operator ?”

# Instructions

Get tutorial folder or the entire katas-typescript repo.

Open the [before/\*.sln] file and execute the kata.

Feel free to execute this kata multiple times because repetition creates motor memory.

# Github

* Before (start kata with this)
  + https://github.com/robertdunaway/katas-typescript/tree/master/010%20TypeScript%20-%20ternary%20operator/before
* After
  + https://github.com/robertdunaway/katas-typescript/tree/master/010%20TypeScript%20-%20ternary%20operator/after

# Kata

Recreate the logic below with the ternary operator (?).

var myVal: number = null;

var result: number = null;

// using an if statement

if (myVal == null) {

result = 0;

}

else {

result = myVal;

}

Now change the “myVal” variable to equal 5 and execute operation again. Result is now set equal to “myVal” because “myVal” is not null.

[highlight below for one possible answer]

// Using a ternary operator to check for null.

result = myVal ? myVal : 0;

console.log('result = myVal ? myVal : 0; // result = ' + result);

myVal = 5;

result = myVal ? myVal : 0;

console.log('result = myVal ? myVal : 0; // result = ' + result);