**Variables**

**Exercise 1:**

Create a variable to store the city

Create a variable to store the state

Create a variable to combine them

Print the combined location

**Exercise 2:**

Declare two variables: admin and name.

Assign the value "John" to name.

Copy the value from name to admin.

Show the value of admin using alert (must output “John”).

**Exercise 3:**

Create a number and assign to a variable

Add

Subtract

Multiply

Divide

Parenthesis can be used to make sure one operation happens before another

**Exercise 4:** Create a temperature converter

An app that converts Fahrenheit to Celsius and Kelvin

**Exercise 5**:

Define a statement about my salary and your salary. Compare them, when mine is greater than yours, display a message. And vice versa. (if – else if)

**Exercise 6**

Define a statement about my salary and your salary. Compare them, when mine is greater than yours, display a message. And vice versa. And when both salaries are equal (if – else if, else)

**Solution 1:**

// Create a variable to store the city

let city = 'Philadelphia'

// Create a variable to store the state

let state = 'Pennsylvania'

// Create a variable to combine the city and state

let location = city + ', ' + state

// Print the combined location to the terminal

console.log(location)

**Solution 2:**

let admin, name; // can declare two variables at once

name = "John";

admin = name;

alert(admin ); // "John"

**Solution 3:**

// Create a number and assign to a variable

let age = 26

// Add

let addResult = age + 1 // 27

// Subtract

let subtractResult = age - 26.5 // -0.5

// Multiply

let multiplyResult = age \* 10 // 260

// Divide

let divideResult = age / 2 // 13

// Parenthesis can be used to make sure one operation happens before another

let result = (age + 3) \* 7 // 203

//

**Solution 4:**

Js bootcamp

**Solution 5:**

Let mySal = 500;

Let yourSal = 1000;

if( mySal > yourSal)

{

    alert("My Salary is greater than your salary");

}

else if(mySal < yourSal)

{

    alert("My Salary is less than your salary");

}

**Solution 6:**

let mySal = 500;

let yourSal = 1000;

if( mySal > yourSal)

{

    alert("My Salary is greater than your salary");

}

else if(mySal < yourSal)

{

    alert("My Salary is less than your salary");

}

else if(mySal == yourSal)

{

    alert("My Salary is equal to your salary");

}

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