



PART 1

LAB SESSION

✓ **Condition**

Lab 3a: Test for falsy condition



- Create and run the file *3a-falsy.js*.
- Note: The `!` operator means *NOT*. We can use *if (!a)...* to test if a result is false. The following code will show all results where a is treated as false.

```
let a;
if (!a) console.log("undefined is falsy");

a = false;
if (!a) console.log("false is falsy");

a = 0;
if (!a) console.log("0 is falsy");

a = null;
if (!a) console.log("null is falsy");

a = "";
if (!a) console.log("' ' is falsy");

a = undefined;
if (!a) console.log("undefined is falsy");
```

Lab 3b: Misinterpreting Falsy Condition



The purpose of this lab is to be careful of the interpretation of true and false conditions when writing Javascript.

1. Create and run the file *3b-falsy.js*

```
var a = false;
var b = "false";
if (a)
  console.log("a is truthy");
else
  console.log("a is falsy");
if (b)
  console.log("b is truthy");
else
  console.log("b is falsy");

// What is the output?
```

Why is b not falsy?