

Web and UI Design

CW_KRSIT_H

(DSGN H4R14)

Lab Nine

Create a html files called index.html and a JavaScript file called src.js Giving the following code, add in any necessary error prevention, handling and warnings In particular make sure inputs are numbers, make sure user cannot divide by zero.

Also, when the images resources cannot load (e.g. because they cannot be found), an error needs to be printed on the webpage at the paragraph having id errors.

Finally, the javascript function changeOperation, performs an operation on an id that does not exist on the HTML page, the error should be handled by writing an error message at the paragraph having id errors when the button “change” is pressed (ideally, code will have to be added but the code line in the function should not be changed).

A comment with student ID, full name, and date must be added on both files.

HTML

HTML

```
<label> Add a number </label>
<input id="numberOne"></input>
<label> Add a number </label>
<input id="numberTwo"></input>
<button onclick="divide()">divide</button>
<button onclick="multiply()">multiply</button>
<button onclick="changeOperation()">change</button>

<p id="errors"></p>
```

Javascript

```
function divide()
{
const one = document.getElementById("numberOne").value;
const two = document.getElementById("numberTwo").value;
```

```
const sum = one/two;
document.getElementById("result").innerHTML =sum;
}
function multiply()
{
const one =document.getElementById("numberOne").value;
const two = document.getElementById("numberTwo").value;
const sum = one* two;
document.getElementById("result").innerHTML =sum;
}
function changeOperation() {
    const operation = document.getElementById("operationType").value;
}
```