Certification Page

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I, _____, certify that the work I am uploading represents my own efforts, and is not copied from anyone else or any other resource (such as Internet). *Furthermore, I certify that I have not let anyone copy from my work.*

The code of index.html

```html
<!DOCTYPE html>
<html>
<head>
<title> CSCI 6312 Quiz #2 </title>
<link rel="stylesheet" type="text/css" href="forQuiz2.css" />
</head>
<script src="script.js"></script>
<body>
<form id="form1" action="" method="post" onsubmit="return calculation();">
<div><label for="FirstOperand">Operand #1</label><input type="text" id="FirstOperand"></div>
<div><label for="SecondOperand">Operand #2</label><input type="text"
id="SecondOperand"></div>
<div><label for="Operator">Operator</label><input type="text" id="Operator"></div>
<div><input type="submit" id="Submit" value="Submit"></div>
</form>
</body>
</html>
```

The code of forQuiz2.css

```css
div {
        margin-bottom: 20px;
        margin-left: 400px;
        margin-top: 20px;
}
label {
margin-right: 20px;
}
```

The code of script.js

```javascript
function calculation()
{
var FirstOperand = document.getElementById("FirstOperand");
var SecondOperand = document.getElementById("SecondOperand");
var Operator = document.getElementById("Operator");
var Result;
if(FirstOperand.value == "" || SecondOperand.value == "" || Operator.value  == "") {
alert("Error: Field may not be left empty.");
return false;
}
if ((parseInt(FirstOperand.value) < 0) || (parseInt(FirstOperand.value) >= 100 ) ||
(parseInt(SecondOperand.value) < 0) || (parseInt(SecondOperand.value) >= 100 ))
{
alert("Error: Numbers are supposed to be between 0 and 99 inclusive.");
return false;
}
if ((Operator.value != "+") && (Operator.value != "-") && (Operator.value != "*") &&
(Operator.value != "add") && (Operator.value != "sub") && (Operator.value != "mul") )
{
alert("Error: Only Addition, Substraction, and Multiplication are allowed");
return false;
}
if ( (Operator.value == "+") || (Operator.value == "add") )
{
Result = (parseInt(FirstOperand.value)) + (parseInt(SecondOperand.value))
return alert(Result);
}
if ( (Operator.value == "-") || (Operator.value == "sub") )
{
Result = (parseInt(FirstOperand.value)) - (parseInt(SecondOperand.value))
return alert(Result);
}
if ( (Operator.value == "*") || (Operator.value == "mul") )
{
Result = (parseInt(FirstOperand.value)) * (parseInt(SecondOperand.value))
return alert(Result);
}
}
```

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Operand #1   19

Operand #2   2

Operator   sub

Submit

17

OK

Operand #1   19

Operand #2   2

Operator   -

Submit

17

OK

Operand #1   19

Operand #2   8

Operator   +

Submit

27

OK

Operand #1   19

Operand #2   8

Operator   add

Submit

27

OK

Operand #1   19

Operand #2   6

Operator   *

Submit

114

OK

Operand #1   19

Operand #2   6

Operator   mul

Submit

114

OK

Operand #1

Operand #2

Operator

Submit

Error: Field may not be left empty.

OK

Operand #1   [1]

Operand #2   [   ]

Operator   [   ]

[Submit]

Error: Field may not be left empty.

[OK]

Operand #1   [1]

Operand #2   [1]

Operator   [   ]

[Submit]

Error: Field may not be left empty.

☐ Prevent this page from creating additional dialogs

[OK]

Operand #1   1

Operand #2   1

Operator   /

Submit

Error: Only Addition, Substraction, and Multiplication are allowed

OK

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Operand #1   100

Operand #2   1

Operator   +

Submit

Error: Numbers are supposed to be between 0 and 99 inclusive.

OK

Operand #1   12

Operand #2   123

Operator   -

Submit

Error: Numbers are supposed to be between 0 and 99 inclusive.

OK