



Lab03

COP 2500

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Date

Most Important part

<code><html></code>	<code><html></code>
<code><head></code>	<code><head></code>
<code><title>Name</title></code>	<code><title>Name</title></code>
<code><!-- comment lines --></code>	<code><script language="JavaScript"></code>
<code><!-- Name --></code>	<code>// Comment lines</code>
<code><!-- Email --></code>	<code>// Name</code>
<code><!-- Lab 02 --></code>	<code>// Email</code>
<code></head></code>	<code>// Lab02</code>
	<code></script></code>
<code><body></code>	<code></head></code>
	<code><body></code>
<code></body></code>	<code></body></code>
<code></html></code>	<code></html></code>



Lab Overview

- Create Single File and save it as `'dialogsAndOperators.html'`
- Scenario 1:
 - Ask user to enter age using prompt dialog box
 - Display statement using alert box
- Scenario 2:
 - Ask user to enter two integer using two prompt box
 - Perform mathematical operation and display results using alert box.
- Scenario 3:
 - Use values provided by user in Scenario 2 to perform Boolean operations.
 - Display result of Boolean operations using alert box



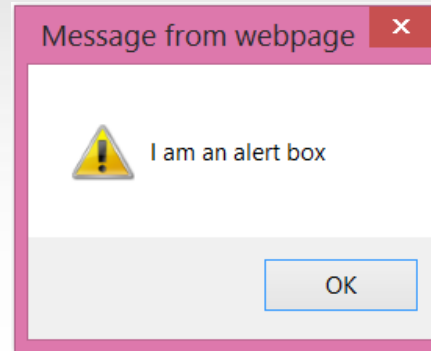
What should you know to solve assignment?

1. Variable Creation
2. Popup Boxes (prompt and alert)
3. Conditional Statements (if-else)
4. Converting String to Integer
5. Display result

Popup Boxes

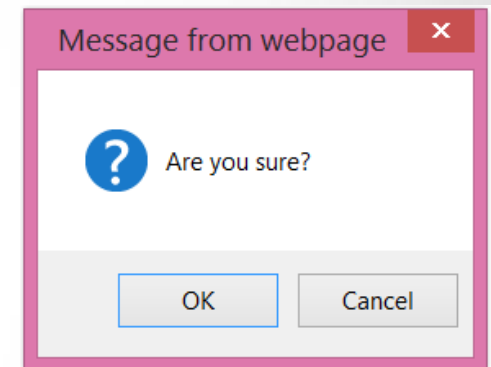
Alert box:

```
alert("I am an alert box!");
```



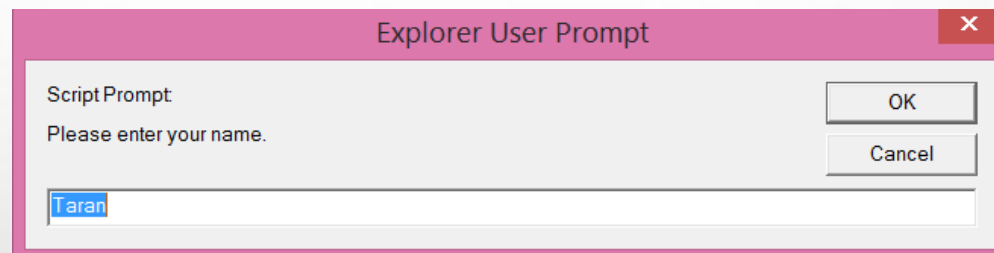
Confirm box:

```
var r = confirm("Press a button");
```



Prompt box:

```
var name = prompt("Please enter your name", "Taran");
```



If...Else...Conditional Blocks

Conditional statements are used to perform different actions based on different conditions.

```
if (time<20)
{
x="Good day";
}
```

```
if (time<20)
{
x="Good day";
}
else
{
x="Good evening";
}
```

```
if (time<10)
{
x="Good morning";
}
else if (time<20)
{
x="Good day";
}
else
{
x="Good evening";
}
```



Converting String To Integer

```
var a = parseInt("45");
```

Or

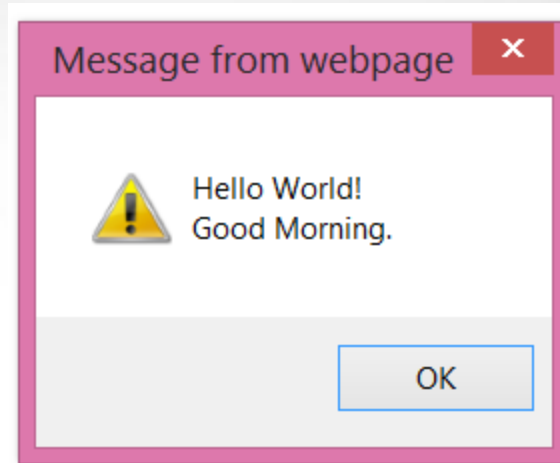
```
var a = prompt("Give me number");  
var b = parseInt(a);
```

Display multiple lines on alert box

```
var a = "Hello World!";
```

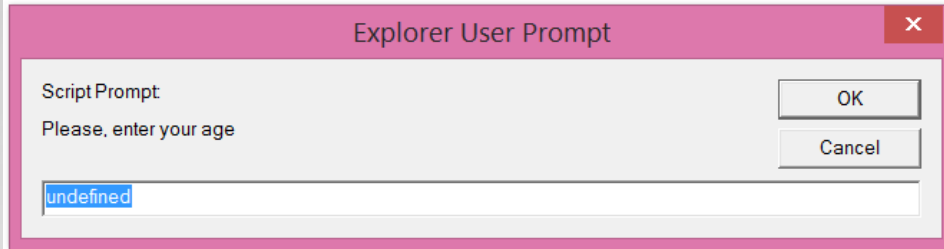
```
var b = "Good Morning. ";
```

```
alert(a + "\n" + b);
```

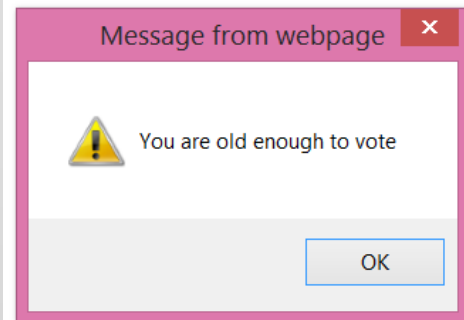


dailogsAndOperators.html

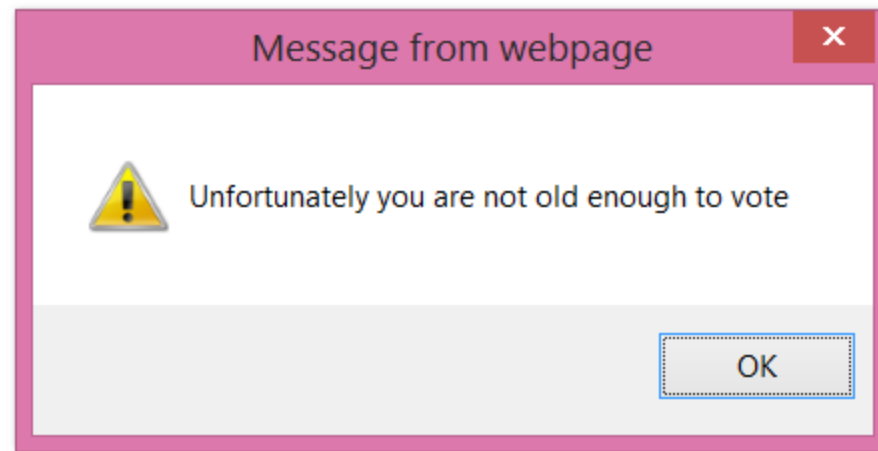
Scenario 1



Scenario 1



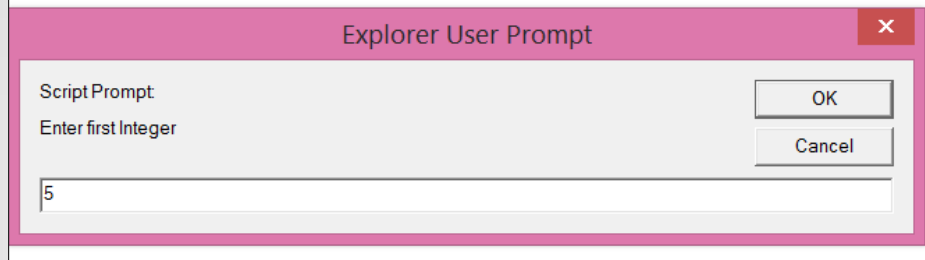
Scenario 1



dailogsAndOperators.html

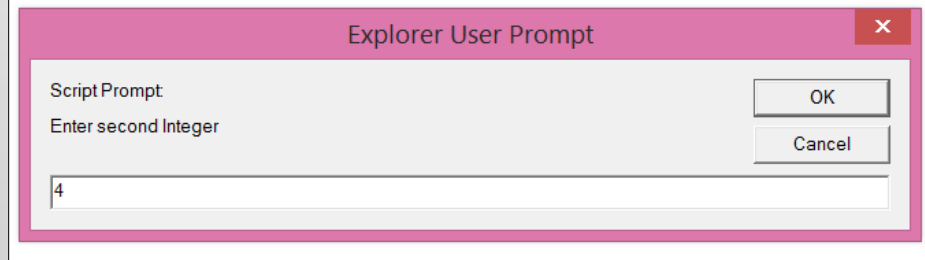
Scenario 1

Scenario 2



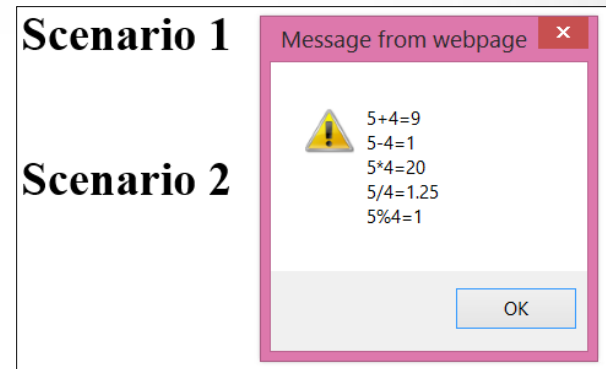
Scenario 1

Scenario 2



Scenario 1

Scenario 2

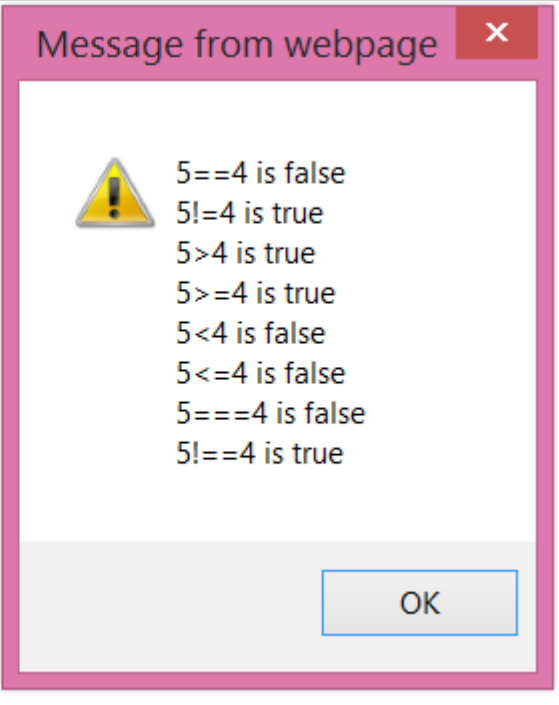


dailogsAndOperators.html


Scenario 1

Scenario 2

Scenario 3



Message from webpage

 5==4 is false
5!=4 is true
5>4 is true
5>=4 is true
5<4 is false
5<=4 is false
5===4 is false
5!==4 is true

OK

Grading Rubric

Activity	Points
Create variable to receive prompt dialog response set equal to the prompt function	5
Use comparison operator \geq to evaluate entered value against value 18	10
Display to user in alert dialog message based on age evaluation	10
Create two variables to receive prompt dialog responses for two whole numbers	10
Display to user in alert dialog message results of the five arithmetic operations of two entered values	25
Display to user in alert dialog message the eight comparison results of the two entered values base on comparison operators	40
Total	100