Exercise-2

1. Develop and demonstrate the usage of inline, internal and external style sheet using CSS. (max 2 pages)

```html
<!DOCTYPE html>
<html>
<head>
  <title>Exercise-1</title>

  <!-- Internal Style Sheet -->
  <style>
    h1.a
            {
      color: green;
      text-align: center;
    }

    p.a
            {
      font-size: 20px;
      line-height: 1.5;
      text-align: center;
    }
  </style>

  <!-- External Style Sheet -->
  <link rel="stylesheet" href="file:///C:/Users/bhavi/Desktop/MU/Semester-4/WT/Practicals/Exercise-2/styles.css">
</head>
<body>

      <!-- Inline Style Sheet-->
  <h1 style="color: blue; text-align: center;">Inline Style</h1>
  <p style="font-size: 18px; line-height: 1.5; text-align: center;">This is a paragraph with inline styles.</p>
```

```html
<h1 class="a">Internal Style</h1>
<p class="a">This is a paragraph with internal styles.</p>

<h1 class="b">External Style</h1>
<p class="b">This is a paragraph with external styles.</p>

</body>
</html>
```

```css
/* styles.css */
h1.b {
    color: #FF00FF;
    text-align: center;
}

p.b {
    font-size: 22px;
    line-height: 1.5;
    text-align: center;
}
```

Inline Style

This is a paragraph with inline styles.

Internal Style

This is a paragraph with internal styles.

External Style

This is a paragraph with external styles.

2. Develop and demonstrate JavaScript with POP-UP boxes
and functions for the following problems:

a) Input: A number n obtained using prompt
Output: Factorial of n number using alert

```
<!DOCTYPE html>
<html>
<head>
  <title>JavaScript Factorial Alerts</title>
</head>
<body>

 <script>
 function Factorial()
 {
   var n = prompt("Enter a number:");
   var result = 1;

   for (var i = 1; i <= n; i++)
       {
     result *= i;
   }

   alert("Factorial of " + n + " is: " + result);
}

Factorial();

 </script>

</body>
</html>
```
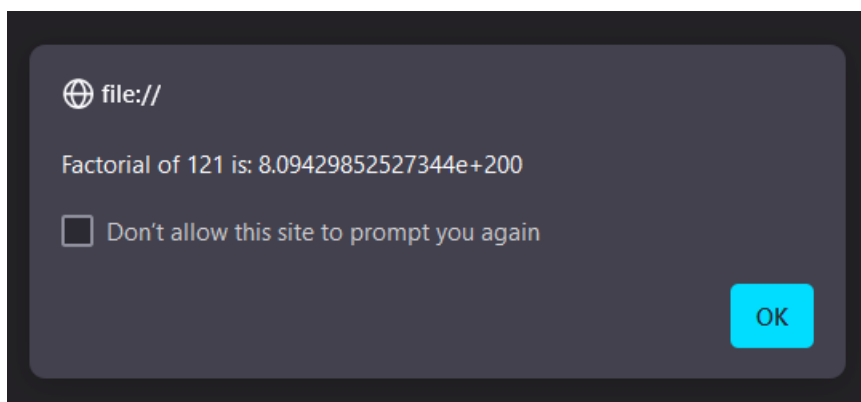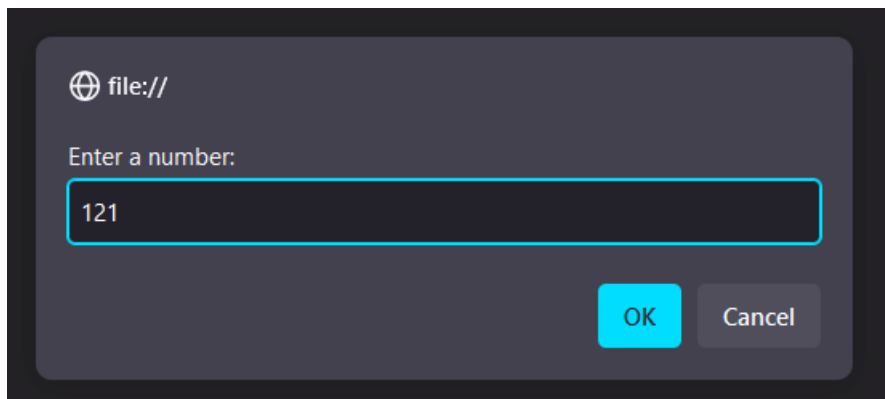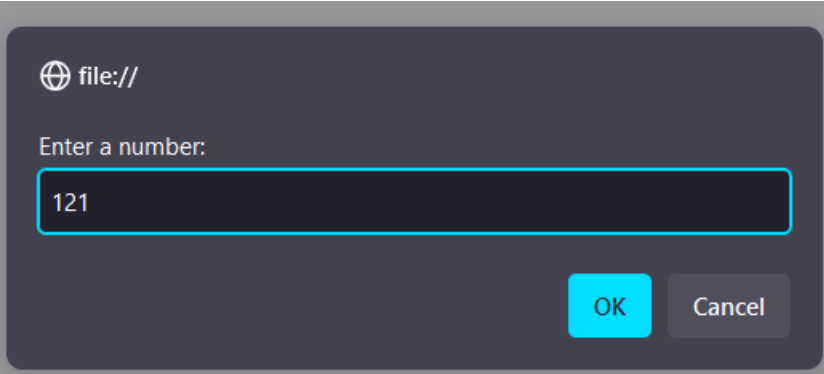
b) Input: A number n obtained using prompt
Output: A multiplication table of numbers from 1 to 10 of
n using alert

```html
<!DOCTYPE html>
<html>
<head>
  <title>JavaScript multiplication Alerts</title>
</head>
<body>

 <script>
 function multiplication()
 {
    var n = prompt("Enter a number:");

    var Output = "Multiplication Table of " + n + ":\n";
```

```
for (var i = 1; i <= 10; i++)
    {
  var result = n * i;
  Output += n + " * " + i + " = " + result + "\n";
}

  alert(Output);
}

multiplication();

 </script>

</body>
</html>
```
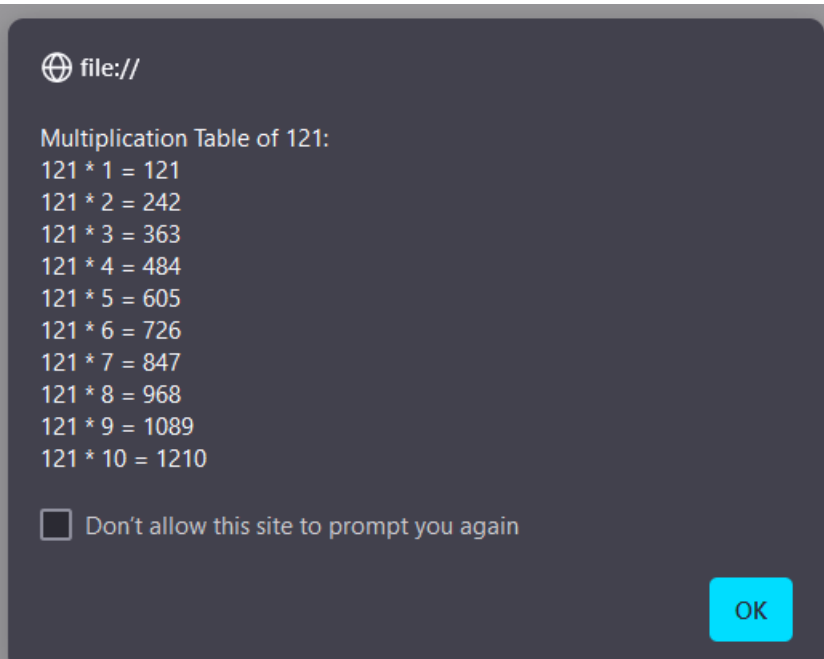
⊕ file://

Enter a number:

121

OK   Cancel

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Multiplication Table of 121:
121 * 1 = 121
121 * 2 = 242
121 * 3 = 363
121 * 4 = 484
121 * 5 = 605
121 * 6 = 726
121 * 7 = 847
121 * 8 = 968
121 * 9 = 1089
121 * 10 = 1210

☐ Don't allow this site to prompt you again

OK

c) Input: A number n obtained using prompt and add another number using confirm

Output: Sum of the entire n numbers using alert

```html
<!DOCTYPE html>
<html>
<head>
  <title>JavaScript calculateSum Alerts</title>
</head>
<body>

  <script>
      function calculateSum()
      {
  var n = prompt("Enter a number:");
  var addNumber = confirm("Do you want to add another number?");

  var sum = parseInt(n);

  while (addNumber)
      {
    var anotherNumber = prompt("Enter another number:");
    sum += parseInt(anotherNumber);
    addNumber = confirm("Do you want to add another number?");
  }

  alert("Sum of the numbers is: " + sum);
}

calculateSum();

  </script>

</body>
</html>
```

⊕ file://

Enter a number:

121

OK   Cancel

⊕ file://

Do you want to add another number?

☐ Don't allow this site to prompt you again

OK   Cancel

⊕ file://

Enter another number:

747

☐ Prevent this page from creating additional dialogs

OK   Cancel

⊕ file://

Sum of the numbers is: 868

☐ Don't allow this site to prompt you again

OK