

Roll no:21f-9341

6e-web

Task 2

```
<!doctype html>
<html lang="en">
  <head>
    <title>Title</title>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">

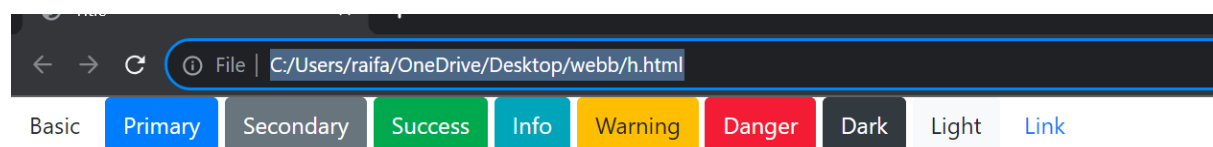
    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css
" integrity="sha384-
gg0yR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
crossorigin="anonymous">
  </head>
  <body>
    <button type="button" class="btn">Basic</button>
    <button type="button" class="btn btn-primary">Primary</button>
    <button type="button" class="btn btn-secondary">Secondary</button>
    <button type="button" class="btn btn-success">Success</button>
    <button type="button" class="btn btn-info">Info</button>
    <button type="button" class="btn btn-warning">Warning</button>
    <button type="button" class="btn btn-danger">Danger</button>
    <button type="button" class="btn btn-dark">Dark</button>
    <button type="button" class="btn btn-light">Light</button>
    <button type="button" class="btn btn-link">Link</button>

    <!-- Optional JavaScript -->
    <!-- jQuery first, then Popper.js, then Bootstrap JS -->
    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"
integrity="sha384-
q8i/X+965Dz00rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js
" integrity="sha384-
U02eT0CpHqdSJQ6hJty5KVphtPhzWj9W01c1HTMGA3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
    <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
```

```

integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIIy60rQ6VrjIEaFf/njGzIXFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script>
</body>
</html>

```



Task 1

```

<!doctype html>
<html lang="en">
  <head>
    <title>Title</title>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css
" integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
crossorigin="anonymous">
  </head>
  <body>
    <div class="alert alert-primary alert-dismissible">
      <button type="button" class="close" data-
dismiss="alert">&times;</button>
      <strong>Success!</strong> Indicates a successful or positive action.
    </div>

    <div class="alert alert-success alert-dismissible">
      <button type="button" class="close" data-
dismiss="alert">&times;</button>
      <strong>Success!</strong> Indicates a successful or positive action.

```

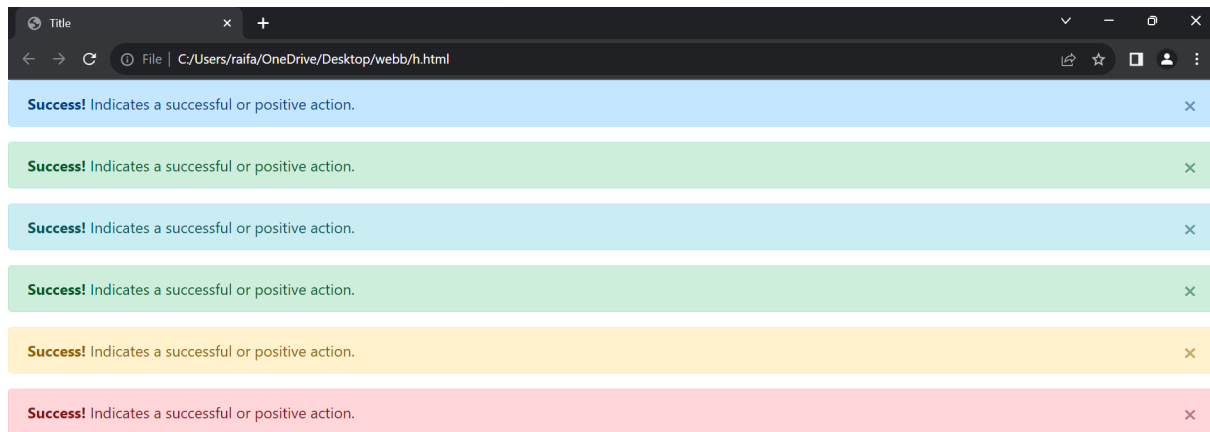
```

</div>

<div class="alert alert-info alert-dismissible">
  <button type="button" class="close" data-
dismiss="alert">&times;</button>
  <strong>Success!</strong> Indicates a successful or positive action.
</div>
<div class="alert alert-success alert-dismissible">
  <button type="button" class="close" data-
dismiss="alert">&times;</button>
  <strong>Success!</strong> Indicates a successful or positive action.
</div>
<div class="alert alert-warning alert-dismissible">
  <button type="button" class="close" data-
dismiss="alert">&times;</button>
  <strong>Success!</strong> Indicates a successful or positive action.
</div>
<div class="alert alert-danger alert-dismissible">
  <button type="button" class="close" data-
dismiss="alert">&times;</button>
  <strong>Success!</strong> Indicates a successful or positive action.
</div>

<!-- Optional JavaScript -->
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"
integrity="sha384-
q8i/X+965Dz00rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js
" integrity="sha384-
U02eT0CpHqdsJQ6hJty5KVphtPhzWj9W01clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIIy60rQ6VrjIEaEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script>
</body>
</html>

```



Task 3

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Calculator</title>
</head>
<body>
  <h2>Calculator</h2>
  <form id="calculatorForm">
    <label for="num1">Enter first number:</label>
    <input type="number" id="num1" name="num1" required>
    <br><br>
    <label for="num2">Enter second number:</label>
    <input type="number" id="num2" name="num2" required>
    <br><br>
    <button type="button" onclick="add()">Add</button>
    <button type="button" onclick="subtract()">Subtract</button>
    <button type="button" onclick="multiply()">Multiply</button>
    <button type="button" onclick="divide()">Divide</button>
  </form>

  <h2>Result:</h2>
  <p id="result"></p>

  <script>
    function add() {
      var num1 = parseFloat(document.getElementById("num1").value);
      var num2 = parseFloat(document.getElementById("num2").value);
      var result = num1 + num2;
      document.getElementById("result").innerText = "Result: " + result;
    }
  </script>
</body>
</html>
```

```
function subtract() {
    var num1 = parseFloat(document.getElementById("num1").value);
    var num2 = parseFloat(document.getElementById("num2").value);
    var result = num1 - num2;
    document.getElementById("result").innerText = "Result: " + result;
}

function multiply() {
    var num1 = parseFloat(document.getElementById("num1").value);
    var num2 = parseFloat(document.getElementById("num2").value);
    var result = num1 * num2;
    document.getElementById("result").innerText = "Result: " + result;
}

function divide() {
    var num1 = parseFloat(document.getElementById("num1").value);
    var num2 = parseFloat(document.getElementById("num2").value);
    if (num2 === 0) {
        document.getElementById("result").innerText = "Cannot divide by
zero!";
    } else {
        var result = num1 / num2;
        document.getElementById("result").innerText = "Result: " + result;
    }
}
</script>
</body>
</html>
```

Calculator

Enter first number:

Enter second number:

Result:

Result: 25

Task 4:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Month Days</title>
<style>
  .red {
    color: red;
  }
</style>
</head>
<body>
  <h2>Month Days</h2>
  <p>Enter the abbreviation of the month (e.g., Jan, Feb):</p>
  <input type="text" id="monthInput">
  <button onclick="getDays()">Get Days</button>
  <p id="result"></p>

  <script>
    function getDays() {
      var monthInput =
document.getElementById("monthInput").value.toLowerCase();
      var days;

      switch (monthInput) {
        case 'jan':
        case 'mar':
```

```
        case 'may':
        case 'jul':
        case 'aug':
        case 'oct':
        case 'dec':
            days = 31;
            break;
        case 'apr':
        case 'jun':
        case 'sep':
        case 'nov':
            days = 30;
            break;
        case 'feb':
            days = 28; // Assuming it's not a leap year
            break;
        default:
            days = "Invalid input";
    }

    if (days !== "Invalid input") {
        document.getElementById("result").innerHTML = "Total number of days in
<span class='red'>" + monthInput.toUpperCase() + "</span> is <span
class='red'>" + days + "</span>.";
    } else {
        document.getElementById("result").innerHTML = "<span class='red'>" +
monthInput.toUpperCase() + "</span> is not a valid month abbreviation.";
    }
}
</script>
</body>
</html>
```

Month Days

Enter the abbreviation of the month (e.g., Jan, Feb):

Total number of days in FEB is 28.

Task 5:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Multiplication Table</title>
</head>
<body>
  <h2>Multiplication Table</h2>

  <script>
    // Prompt the user to enter a number
    var number = prompt("Enter a number:");

    // Parse the input as an integer
    number = parseInt(number);

    // Check if the input is a valid number
    if (!isNaN(number)) {
      // Display the table
      document.write("<p>Multiplication Table for " + number + ":</p>");
      document.write("<ul>");
      for (var i = 1; i <= 10; i++) {
        document.write("<li>" + number + " * " + i + " = " + (number * i)
+ "</li>");
      }
      document.write("</ul>");
    } else {
      // Display an error message if the input is not a number
      document.write("<p>Please enter a valid number.</p>");
    }
  </script>
```



```
</body>  
</html>
```

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Multiplication Table

Multiplication Table for 12:

- $12 * 1 = 12$
- $12 * 2 = 24$
- $12 * 3 = 36$
- $12 * 4 = 48$
- $12 * 5 = 60$
- $12 * 6 = 72$
- $12 * 7 = 84$
- $12 * 8 = 96$
- $12 * 9 = 108$
- $12 * 10 = 120$