**Tutorial 7(1)**

<!DOCTYPE html>

<html>

<head>

<title>Pop-up Message Box</title>

<style>

body { font-family: sans-serif;

}

.container { width: 500px; margin: 0 auto;

}

button { background-color: #4CAF50; color: white; padding: 10px; border: none; cursor: pointer;

}

.popup { display: none; position: fixed; top: 0; left: 0;

width: 100%; height: 100%; background-color: rgba(0, 0, 0, 0.5); z-index: 1;

}

.popup-content { width: 300px; height: 200px; position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); background-color: white; padding: 20px;

}

.close { position: absolute; top: 10px; right: 10px; color: #aaa; font-size: 22px; cursor: pointer;

}

</style>

</head>

<body>

<div class="container">

<button onclick="showPopup()">Click me</button>

</div>

<div class="popup">

<div class="popup-content">

<h1>This is a pop-up message box</h1>

<p>This Is A Elert.</p>

<button onclick="closePopup()">OK</button>

</div>

<span class="OK" onclick="closePopup()">&times;</span>

</div>

<script> function showPopup() {

document.querySelector(".popup").style.display = "block";

}

function closePopup() {

document.querySelector(".popup").style.display = "none";

}

</script>

</body>

</html>

**Tutorial 7(2)**

<!DOCTYPE html>

<html>

<head>

<title>Marks and Grade Calculator</title>

<style> body { font-family: sans-serif;

}

.container { width: 500px; margin: 0 auto;

}

input[type="text"] { width: 100%; padding: 10px; margin-bottom: 10px; border: 1px solid #ccc;

}

button { background-color: #4CAF50;

color: white; padding: 10px; border: none; cursor: pointer;

}

.alert {

display: none; position: fixed; top: 0; left: 0;

width: 100%; height: 100%; background-color: rgba(0, 0, 0, 0.5);

z-index: 1;

}

.alert-content { width: 300px; height: 200px; position: absolute; top: 50%; left: 50%;

transform: translate(-50%, -50%); background-color: white; padding: 20px;

}

.close { position: absolute; top: 10px; right: 10px; color: #aaa; font-size: 22px; cursor: pointer;

}

</style>

</head>

<body>

<div class="container">

<h1>Marks and Grade Calculator</h1>

<input type="text" id="mark1" placeholder="Mark 1" />

<input type="text" id="mark2" placeholder="Mark 2" />

<input type="text" id="mark3" placeholder="Mark 3" />

<input type="text" id="mark4" placeholder="Mark 4" /> <input type="text" id="mark5" placeholder="Mark 5" />

<button onclick="calculateGrade()">Grade</button>

<div class="alert">

<div class="alert-content">

<p></p>

<button onclick="closeAlert()">Close</button>

</div>

<span class="close">&times;</span>

</div>

</div>

<script> function calculateGrade() { var mark1 = document.getElementById("mark1").value; var mark2 = document.getElementById("mark2").value; var mark3 = document.getElementById("mark3").value; var mark4 = document.getElementById("mark4").value; var mark5 = document.getElementById("mark5").value; var total = mark1 + mark2 + mark3 + mark4 + mark5;

var average = total / 5;

var alertText = ""; if (average > 30) { alertText = "Congrats! You passed!";

} else {

alertText = "Better luck next time";

}

document.querySelector(".alert-content p").innerHTML = alertText; document.querySelector(".alert").style.display = "block";

}

function closeAlert() { document.querySelector(".alert").style.display = "none";

}

</script>

</body>

</html>