**FINAL TASK 1**

**• index**

**<!doctype html>**

**<html>**

**<head>**

**<title>FinalTask1</title>**

**</head>**

**<body> <label for="first-number">First Number:</label>**

**<input type="text" id="first-number">**

**<br> <label for="second-number">Second Number:</label>**

**<input type="text" id="second-number">**

**<br> <button id="add-button">Add</button> <button id="subtract-button">Subtract</button> <button id="multiply-button">Multiply</button> <button id="divide-button">Divide</button> <button id="clear-button">Clear</button> <button id="alert-button">Alert</button>**

**<br>**

**<br> <label for="result">Result:</label>**

**<input type="text" id="result" disabled>**

**<script src="external.js"></script>**

**</body>**

**</html>**

**• external.js**

**const firstNumberInput = document.getElementById('first-number');**

**const secondNumberInput = document.getElementById('second-number');**

**const resultInput = document.getElementById('result');**

**const addButton = document.getElementById('add-button');**

**const subtractButton = document.getElementById('subtract-button');**

**const multiplyButton = document.getElementById('multiply-button');**

**const divideButton = document.getElementById('divide-button');**

**const clearButton = document.getElementById('clear-button');**

**const alertButton = document.getElementById('alert-button');**

**addButton.addEventListener('click', handleAddClick);**

**subtractButton.addEventListener('click', handleSubtractClick);**

**multiplyButton.addEventListener('click', handleMultiplyClick);**

**divideButton.addEventListener('click', handleDivideClick);**

**clearButton.addEventListener('click', handleClearClick);**

**alertButton.addEventListener('click', handleAlertClick);**

**function handleAddClick() {**

**const firstNumber = Number(firstNumberInput.value);**

**const secondNumber = Number(secondNumberInput.value);**

**const result = firstNumber + secondNumber;**

**resultInput.value = result;**

**}**

**function handleSubtractClick() {**

**const firstNumber = Number(firstNumberInput.value);**

**const secondNumber = Number(secondNumberInput.value);**

**const result = firstNumber - secondNumber;**

**resultInput.value = result;**

**}**

**function handleMultiplyClick() {**

**const firstNumber = Number(firstNumberInput.value);**

**const secondNumber = Number(secondNumberInput.value);**

**const result = firstNumber \* secondNumber;**

**resultInput.value = result;**

**}**

**function handleDivideClick() {**

**const firstNumber = Number(firstNumberInput.value);**

**const secondNumber = Number(secondNumberInput.value);**

**const result = firstNumber / secondNumber;**

**resultInput.value = result;**

**}**

**function handleClearClick() {**

**firstNumberInput.value = '';**

**secondNumberInput.value = '';**

**resultInput.value = '';**

**}**

**function handleAlertClick() {**

**const fullName = prompt('Please enter your full name');**

**alert(`Work of ${fullName}`);**

**}**

**// disable the result input field**

**resultInput.disabled = true;**