



“JOB SEARCH WEBSITE”

Task - 2



JOB SEARCH WEBSITE

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Task - 2

Create various Front End Programs

- Draw and design a uniform front end code for calculator
- Draw and design a interactive front end code for text-editor

Evaluation Metric:

- 100% Completion of the above tasks

Learning Outcome

- Get to know about concepts of project bucketing
- Knowing about various frontend development framework like angular, vue,react
- Know about various react topics like components, props, state, life cycle etc.

FRONT END CODE FOR CALCULATOR

HTML :

```
▪ <div class="calculator">
▪   <div class="display">
▪     <input type="text" id="result" value="0" disabled>
▪   </div>
▪   <div class="buttons">
▪     <button onclick="clearDisplay()">C</button>
▪     <button onclick="backspace()">←</button>
▪     <button onclick="addToDisplay('(')">( </button>
▪     <button onclick="addToDisplay(')')">)</button>
▪     <button onclick="addToDisplay('7')">7</button>
▪     <button onclick="addToDisplay('8')">8</button>
▪     <button onclick="addToDisplay('9')">9</button>
▪     <button onclick="addToDisplay('/')">÷</button>
▪     <button onclick="addToDisplay('4')">4</button>
▪     <button onclick="addToDisplay('5')">5</button>
▪     <button onclick="addToDisplay('6')">6</button>
▪     <button onclick="addToDisplay('*')">x</button>
▪     <button onclick="addToDisplay('1')">1</button>
▪     <button onclick="addToDisplay('2')">2</button>
▪     <button onclick="addToDisplay('3')">3</button>
▪     <button onclick="addToDisplay('-')">-</button>
▪     <button onclick="addToDisplay('0')">0</button>
▪     <button onclick="addToDisplay('.')">.</button>
▪     <button onclick="calculate()">=</button>
▪     <button onclick="addToDisplay('+)">+</button>
▪   </div>
▪ </div>
```

CSS

```
■ .calculator {  
■   display: flex;  
■   flex-direction: column;  
■   align-items: center;  
■   justify-content: center;  
■   background-color: #f2f2f2;  
■   width: 300px;  
■   border: 1px solid #ddd;  
■   border-radius: 4px;  
■   margin: 0 auto;  
■   padding: 20px;  
■ }  
■ .display {  
■   background-color: #fff;  
■   border: 1px solid #ddd;  
■   border-radius: 4px;  
■   margin-bottom: 10px;  
■   width: 100%;  
■   padding: 10px;  
■ }  
■ display input[type="text"] {  
■   width: 100%;  
■   font-size: 24px;  
■   text-align: right;  
■ }  
■ .buttons {  
■   display: grid;  
■   grid-template-columns: repeat(4, 1fr);  
■   grid-gap: 10px;  
■ }  
■ .buttons button {  
■   background-color: #fff;  
■   border: 1px solid #ddd;  
■   border-radius: 4px;  
■   font-size: 24px;  
■   padding: 10px;  
■   cursor: pointer;  
■ }  
■ .buttons button:hover {  
■   background-color: #ddd;  
■ }
```

JAVASCRIPT

- `function addToDisplay(value) {`
- `document.getElementById("result").value += value;`
- `}`

- `function backspace() {`
- `let result = document.getElementById("result").value;`
- `document.getElementById("result").value = result.substring(0, result.length - 1);`
- `}`

- `function clearDisplay() {`
- `document.getElementById("result").value = "0";`
- `}`

- `function calculate() {`
- `let result = document.getElementById("result").value;`
- `let answer = eval(result);`
- `document.getElementById("result").value = answer;`
- `}`

FRONT END CODE FOR TEXT-EDITOR

HTML

- `<!DOCTYPE html>`
- `<html>`
- `<head>`
 - `<title>Text Editor</title>`
 - `<link rel="stylesheet" href="style.css">`
- `</head>`
- `<body>`
 - `<div id="editor" contenteditable="true"></div>`
 - `<script src="script.js"></script>`
- `</body>`
- `</html>`

CSS

- #editor {
- width: 100%;
- height: 500px;
- border: 1px solid black;
- padding: 10px;
- font-family: Arial, sans-serif;
- font-size: 16px;
- line-height: 1.5;
- }

JAVASCRIPT

- `const editor = document.getElementById("editor");`
- `editor.addEventListener("input", () => {`
- `const text = editor.innerHTML;`
- `// Do something with the text`
- `});`

Step-Wise Description FRONT END CODE FOR CALCULATOR

1. Create an HTML file with a container element that will hold the calculator.
2. Inside the container element, create a series of elements for the display screen, number buttons, operator buttons, and a clear button.
3. Use CSS to style the calculator elements to create a visually appealing and user-friendly interface.
4. Use JavaScript to add functionality to the number buttons, operator buttons, and clear button. When the user clicks a button, update the display screen accordingly.
5. Add additional features and functionality as desired, such as a decimal point button, a memory function, or a backspace button.

Summary of TASK FRONT END CODE FOR CALCULATOR

1. Create an HTML file with a container element for the calculator.
2. Inside the container element, create elements for the display screen, number buttons, operator buttons, and a clear button.
3. Use CSS to style the calculator elements for a visually appealing and user-friendly interface.
4. Use JavaScript to add functionality to the number buttons, operator buttons, and clear button. Update the display screen accordingly when the user clicks a button.
5. Add additional features and functionality as desired, such as decimal point button, memory function, or a backspace button.

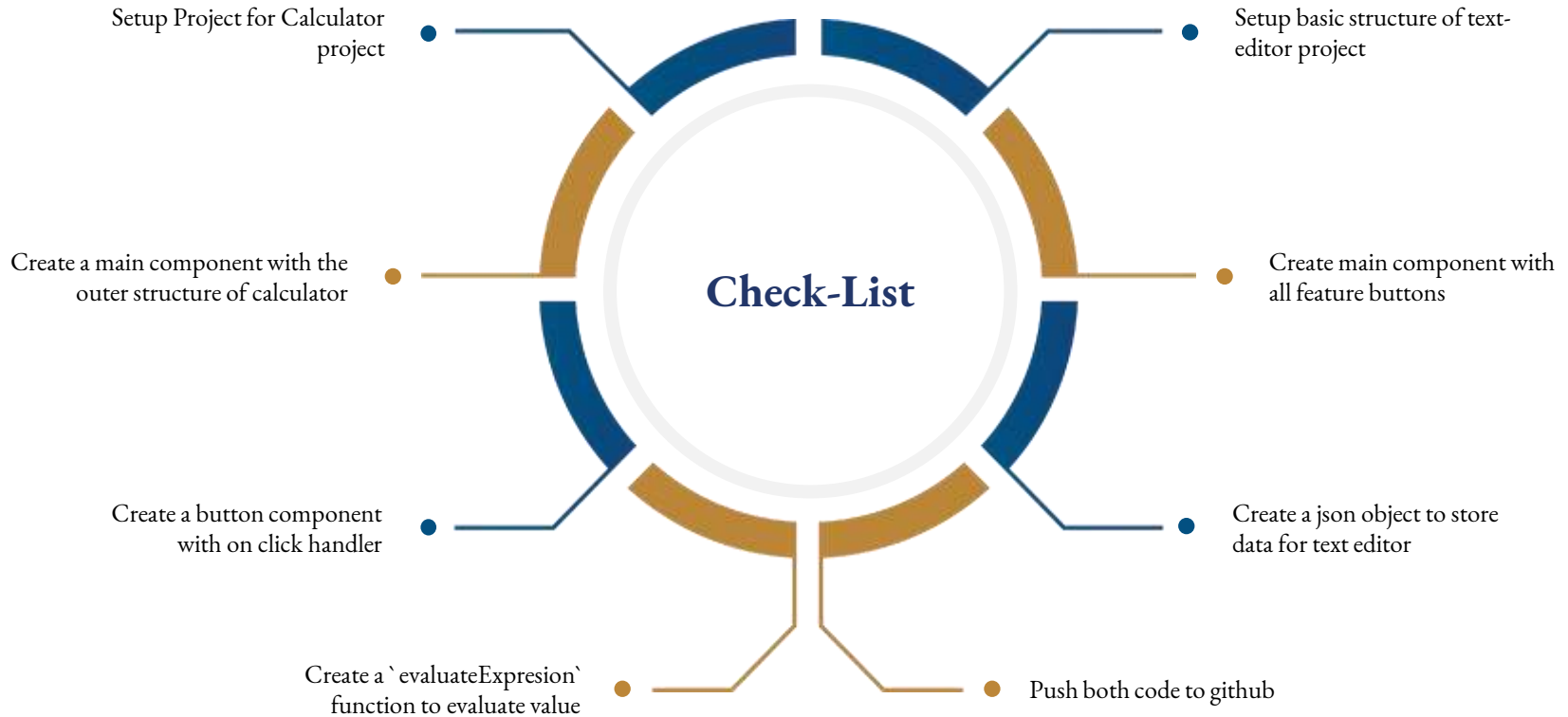
Step-Wise Description FRONT END CODE FOR TEXT EDITOR

1. Create an HTML file with a container element that will hold the text editor.
2. Inside the container element, create a div element with the content editable attribute set to true. This allows the user to type and edit text directly in the div.
3. Use CSS to style the div element to create a visually appealing and user-friendly interface.
4. Use JavaScript to add functionality to the text editor. For example, you can listen for the input event on the div element, which fires whenever the user types or edits text. When this event occurs, retrieve the current text in the editor and perform some action with it, such as saving it to a database or processing it in some way. You can also add additional functionality to the text editor, such as buttons for formatting text, inserting images or links, and so on.
5. Add additional features and functionality as desired, such as the ability to undo or redo changes, a spell checker, or a word count feature.

Summary of TASK FRONT END CODE FOR TEXT EDITOR

1. Create an HTML file with a div element that has the content editable attribute set to true. This allows the user to type and edit text directly in the div
2. Use JavaScript to listen for the input event on the div element, which fires whenever the user types or edits text. When this event occurs, retrieve the current text in the editor and perform some action with it, such as saving it to a database or processing it in some way. You can also add additional functionality to the text editor, such as buttons for formatting text, inserting images or links, and so on.

Assessment Parameter



Submission Github



https://github.com/Karthikeyan012/Group_A53_5

Thank you!

