

# Visual Implementation - CA-2

22(a)

### Fuel Efficiency Tracker

☐ Liters

☐ Gallons

Calculate Efficiency

#### Trip History

1000-500 = 2.00/100km

clear history

```
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
    <title>Fuel Efficiency Tracker</title>
    <style>
      #main-container {
        display: flex;
        justify-content: center;
        flex-direction: row;
      }
      .fuel-container {
        width: 60%;
        text-align: center;
      }
    </style>
  </head>
  <body>
    <div>
      <h3>Fuel Efficiency Tracker</h3>
      <div>
        <input type="text" value="Distance (miles or km)"/>
        <input type="text" value="Fuel Used (gallons or liters)"/>
        <div>
          <input type="radio" value="Liters"/> Liters
          <input type="radio" value="Gallons"/> Gallons
        </div>
        <div>Calculate Efficiency</div>
        <div>
          <h4>Trip History</h4>
          <div>1000-500 = 2.00/100km</div>
          <div>clear history</div>
        </div>
      </div>
    </div>
  </body>
</html>
```

```

        padding: 10px;
        box-shadow: 5px 2px 30px rgba(0, 0, 0, 0.1);
        border-radius: 5px;
    }
    #fuel-form > input[type="number"] {
        width: 100%;
        height: 30px;
        border-radius: 5px;
    }
    input[type="submit"] {
        width: 100%;
        height: 25px;
        border-radius: 5px;
        color: white;
        border-style: none;
        background-color: seagreen;
    }

    #clear-btn {
        color: white;
        background-color: seagreen;
        border-style: none;
        padding: 8px;
        border-radius: 5px;
    }
    input[type="submit"]:hover {
        background-color: lightsalmon;
        cursor: pointer;
    }

    #clear-btn:hover {
        background-color: lightsalmon;
        cursor: pointer;
    }

    @media (max-width: 800px) {

```

```

        .fuel-container {
            width: 100%;
        }
    }
</style>
</head>
<body>
    <section id="main-container">
        <div class="fuel-container">
            <h1>Fuel Efficiency Tracker</h1>
            <form id="fuel-form" action="">
                <input
                    type="number"
                    id="distance"
                    name="distance"
                    placeholder="Distance (miles or km)"
                />
                <br />
                <br />
                <input
                    type="number"
                    id="fuel-used"
                    name="fuel-used"
                    placeholder="Fuel Used (gallons or liters)"
                />
                <br />
                <br />
                <input type="radio" value="liters" name="fuel-unit" />
                <label for="liters">Liters</label>
                <br />
                <input type="radio" value="Gallons" name="fuel-unit" />
                <label for="Gallons">Gallons</label>
                <br />
                <br />
                <input type="submit" value="Calculate Efficiency" />
            </form>
        </div>
    </section>
</body>
</html>

```

```

        <div class="history">
            <h3>Trip History</h3>
            <p>1000-500 = 2.00/100km</p>
            <button id="clear-btn">clear history</button>
        </div>
    </div>
</section>
</body>
</html>

```

## 22(b)

Loan application

Validate

```

<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Loan calculator</title>
    <style>
      #loan-form-main-container {

```

```

        display: flex;
        justify-content: center;
        flex-direction: row;
    }
    .loan-container {
        width: 60%;
        padding: 10px;
        box-shadow: 5px 2px 30px rgba(0, 0, 0, 0.2);
        border-radius: 5px;
        height: fit-content;

        text-align: center;
    }
    #loan-form > input[type="number"] {
        width: 100%;
        height: 30px;
        border-radius: 5px;
    }
    input[type="submit"] {
        width: 100%;
        color: white;
        height: 30px;
        border-radius: 5px;
        background-color: teal;
        border-style: none;
    }
    input[type="submit"]:hover {
        background-color: lightsalmon;
        border-style: none;
        cursor: pointer;
    }
    @media (max-width: 800px) {
        .loan-container {
            width: 100%;
        }
    }

```

```

    </style>
</head>
<body>
    <section id="loan-form-main-container">
        <div class="loan-container">
            <form id="loan-form" action="">
                <h1>Loan application</h1>
                <input
                    type="number"
                    id="loan-amount"
                    name="loan-amount"
                    placeholder="enter the loan amount"
                />
                <br />
                <br />
                <input
                    type="number"
                    name="income-amount"
                    placeholder="enter the income amount"
                    id="income-amount"
                />
                <br />
                <br />
                <input type="submit" value="Validate" />
            </form>
        </div>
    </section>
</body>
</html>

```