In Body section we create a div

- Label to click.
- I have style it as button. When I click the label it check the checkbox input field even it is not visible. This is main idea for showing pop up
- And create a input type of checkbox but it's display property is non.
- We create section for pop up window
- Again use label for same above check box when we click it, uncheck checkbox.
- Initially popup box display is none. So when click only its visible is set to block.
- we use relational selector to select pop like (~) denotes all sibling

```css
#check:checked ~ .pop {
  display: block;
}
```

we define color palet that we used here like

```css
:root {
  --primary-color: dodgerblue;
  --shadow-color: rgba(0, 0, 0, 0.5);
  --cross-color: red;
}
```

And use it when need using var function.

- We use relative unit for font size. So that it can adjust according to screen size using media query
- Initially we give font-size value 62.5% which make easy to calculate value in rem unit 1rem =10px.

```css
html {
  font-size: 62.5%;
  font-family: system-ui, -apple-system, BlinkMacSystemFont, "Segoe UI",
Roboto,
    Oxygen, Ubuntu, Cantarell, "Open Sans", "Helvetica Neue", sans-serif;
}
@media screen and (min-width: 600px) {
  html {
    font-size: 100%;
  }
}
```

- And give label cross(X) position absolute to make it always stay in same position.
- Svg image is add for cross. And give it display flex and align it in center using justify-content and align-item property giving value center.
- `/* color varaibles */`
- `:root {`
- `--primary-color: dodgerblue;`
- `--shadow-color: rgba(0, 0, 0, 0.5);`
- `--cross-color: red;`

```css
  }
  /* generic styling */
  html {
    font-size: 62.5%;
    font-family: system-ui, -apple-system, BlinkMacSystemFont, "Segoe UI",
  Roboto,
      Oxygen, Ubuntu, Cantarell, "Open Sans", "Helvetica Neue", sans-serif;
  }
  body {
    box-sizing: border-box;
  }
  /* Input type checkbox id */
  #check {
    display: none;
  }

  /* pop-up button */
  .btn {
    background-color: var(--primary-color);
    color: white;
    font-size: 2rem;
    border-radius: 5px;
    padding: 0.5rem 0.8rem;
    cursor: pointer;
  }
  .btn:hover {
    background-color: blue;
  }

  /* pop-up section logic */
  #check:checked ~ .pop {
    display: block;
  }

  .pop {
    position: relative;
    box-shadow: 0 0 10px var(--shadow-color);
    padding: 0.5rem 1rem;
    border-radius: 5px;
    display: none;
    margin-top: 1rem;
  }
  /* cross button */
  .cross {
    position: absolute;
```

```css
    right: 1rem;
    top: 1rem;
    display: inline-block;
    width: 1rem;
    cursor: pointer;
    text-align: center;
    padding: 0.5rem 0.5rem;
    height: 1rem;
    display: flex;
    justify-content: center;
    align-items: center;
    color: white;
    background-color: black;
    box-shadow: 0 0 5px var(--shadow-color);
    border-radius: 3px;
  }
  .cross:hover,
  .cross:focus {
    background-color: var(--cross-color);
    color: white;
  }
  .close:checked .pop {
    display: none;
  }

  @media screen and (min-width: 600px) {
    html {
      font-size: 100%;
    }
  }
```