

## DAY 9

**Note:** The names for my HTML, CSS, and JavaScript files (like DAYTHREE.html, DAYTHREE.css, DAYTHREE.js) are **not recommended** as they are considered **bad practice** in professional projects. However, since this is a **mini project**, I prefer using these names to **distinguish them from my other files**. For **larger or professional projects**, it's better to use standard and descriptive file names like index.html, style.css, and script.js.

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### DAYNINE.HTML

**Inside the <body> section:**

**Dark Mode Button:**

```
<button id="darkModeToggle">☒ Dark Mode</button>
```

A button to switch between light and dark themes.

**Main Title:**

```
<h1>Frequently Asked Questions</h1>
```

Displays the main heading.

**FAQ Grid Section:**

```
<div class="faq-grid">
```

This holds all the FAQ cards.

Each **FAQ** is built like this:

```
<div class="faq-card" id="faq1">
  <div class="faq-question" onclick="toggleFAQ('faq1')">
    Question text...
    <span class="icon">+</span>
  </div>
  <div class="faq-answer">
    Answer text...
  </div>
</div>
```

- .faq-card = One question + answer set
- .faq-question = Clickable question
- .faq-answer = Hidden answer that appears when the question is clicked
- The onclick="toggleFAQ('faq1')" calls a **JavaScript function** that shows or hides the answer when clicked.

There are **10 such cards** — each one has a different question and answer.

## DAYNINE.CSS

### 1. Light Mode Styles (Default)

#### ***body***

```
body {  
  margin: 0;  
  font-family: Arial, sans-serif;  
  padding: 40px 20px;  
  background: #fff; /* white background */  
  color: #000; /* black text */  
  transition: background 0.3s, color 0.3s; /* smooth transition */  
}
```

- Sets up the page layout and basic font.
- Adds a **smooth color change** when switching to Dark Mode.

#### ***h1***

```
h1 {  
  text-align: center;  
  font-size: 32px;  
  margin-bottom: 40px;  
}
```

- Centers and enlarges the main heading "Frequently Asked Questions".

#### ***.faq-grid***

```
.faq-grid {  
  display: grid;  
  grid-template-columns: repeat(auto-fit, minmax(300px, 1fr));  
  gap: 20px;  
  max-width: 1000px;  
  margin: auto;  
}
```

- Arranges all FAQ cards in a **responsive grid layout**.
- Cards resize based on screen width.

#### ***.faq-card***

```
.faq-card {  
  border: 1px solid #ccc;  
  border-radius: 5px;  
  overflow: hidden;  
  transition: all 0.3s ease;  
}
```

- Makes each card look clean with a border and rounded corners.
- Adds smooth animation when opening.

### ***.faq-question***

```
.faq-question {  
  background-color: #baf0ed;  
  padding: 18px 20px;  
  font-weight: bold;  
  cursor: pointer;  
  display: flex;  
  justify-content: space-between;  
}
```

- Light blue background.
- Makes the question clickable.
- Adds spacing and makes sure the question and plus icon are on opposite sides.

### ***.faq-answer***

```
.faq-answer {  
  display: none;  
  padding: 16px 20px;  
  background-color: #fefefe;  
  border-top: 1px solid #ddd;  
}
```

- Answer is **hidden by default**.
- Soft background and spacing when shown.

### ***Show answer when card is active***

```
.faq-card.active .faq-answer {  
  display: block;  
}
```

- When a card gets the class active via JavaScript, the answer becomes visible.

### ***Icon Size***

```
.icon {  
  font-size: 20px;  
}
```

- Enlarges the plus (+) icon on the right side of each question.

## **2. Dark Mode Styles**

These styles are only applied when the <body> tag has the class dark-mode.

```
body.dark-mode {  
  background: #121212;  
  color: #f5f5f5;  
}
```

- Changes the background to **dark gray** and text to **light white**.

### ***Cards and questions in Dark Mode:***

```
body.dark-mode .faq-card {
```

```

border-color: #444;
}

body.dark-mode .faq-question {
  background-color: #333;
  color: #fff;
}

body.dark-mode .faq-answer {
  background-color: #1e1e1e;
  color: #f5f5f5;
}

```

- Changes the FAQ card to match the dark theme.
- Uses deeper gray shades for contrast.

### 3. Dark Mode Toggle Button

```

#darkModeToggle {
  position: fixed;
  top: 20px;
  right: 20px;
  padding: 10px 14px;
  background-color: #eee;
  border: none;
  border-radius: 6px;
  cursor: pointer;
  font-size: 14px;
  z-index: 999;
}

```

- Creates a **sticky floating button** in the top-right corner to toggle between light and dark modes.
- z-index: 999 ensures it stays on top of everything.

#### ***Button styling in Dark Mode:***

```

body.dark-mode #darkModeToggle {
  background-color: #444;
  color: #fff;
}

```

- Updates button color when Dark Mode is on.

### **At the Bottom:**

You repeated these blocks (it's harmless, but can be removed to clean up):

```

.faq-answer {
  display: none;
}

.faq-card.active .faq-answer {
  display: block;
}

```

## DAYNINE.JS

### toggleFAQ(id) — This part is for opening and closing each FAQ card

```
function toggleFAQ(id) {  
  const allCards = document.querySelectorAll('.faq-card');
```

- Get **all the FAQ boxes (cards)** on the page.

```
  allCards.forEach(card => {  
    const icon = card.querySelector('.icon');
```

- Go through **each card one by one**.
- Find the **plus/minus sign (+ or -)** in that card.

```
    if (card.id === id) {  
      const isActive = card.classList.contains('active');  
      card.classList.toggle('active');  
      icon.textContent = isActive ? '+' : '-';  
    }  
  });
```

- If the card **matches the one the user clicked on**:
  - Check if it's already open (has active class).
  - If open → **close it** and show +
  - If closed → **open it** and show -

```
    else {  
      card.classList.remove('active');  
      const otherIcon = card.querySelector('.icon');  
      if (otherIcon) otherIcon.textContent = '+';  
    }  
  });
```

- For all the **other cards (not clicked)**:
  - Make sure they are closed.
  - Show + sign.

### What this means:

Only **one FAQ answer will open at a time**, and the icon changes correctly between + (closed) and - (open).

### darkModeToggle — This part is for the dark mode switch

```
const darkModeToggle = document.getElementById('darkModeToggle');
```

- Find the **Dark Mode button** at the top-right of the page.

```
darkModeToggle.addEventListener('click', () => {  
  document.body.classList.toggle('dark-mode');
```

- When you **click the button**, it **adds or removes the class dark-mode** on the whole page.
- This class changes the background and text color to dark style (defined in CSS).

```
const isDark = document.body.classList.contains('dark-mode');  
darkModeToggle.textContent = isDark ? '☀️ □ Light Mode' : '🌙 □ Dark Mode';  
});
```

- If dark mode is active, change the button text to:  
"☀️ □ **Light Mode**"
- If not, change it to:  
"🌙 □ **Dark Mode**"