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EXCELLENCE TO EMPLOYMENT

Assignment: Styling a Portfolio Card with CSS

Import HTML Code

- Copy the provided **HTML code** (index.html) into your editor (VS Code or any other).
- Create a new **CSS file** (style.css) and link it to the HTML using:

Perform CSS Tasks Step by Step

- Apply the CSS rules as described in the task list (selectors, colors, text, units, backgrounds, flexbox, etc.).
- Do **one task at a time**.

Documentation (Screenshots + Report)

- After completing **each step**, **take a screenshot** of your webpage.
- Paste all screenshots in a **Word or PDF report** with a **caption** (e.g., "Step 3: Styled the navigation bar using inline-block").

Reporting Doubts

- If you face difficulty or get an error, **do not skip the step completely**.
- Write the **question number**, explain what went wrong, and **write your doubt clearly** in the report. Example:

❓ Task 5: I tried to use display: flex; but my projects are not aligned. Why is it not working?

⚠ Modifying HTML (if required)

- You are allowed to **make small changes in the HTML code** (e.g., adding a new class, changing text, inserting more elements) if needed to complete your styling tasks.

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- If you modify the HTML, highlight the change in your report.

⍰ Final Submission

- Your submission should include:
  - The **HTML & CSS files**
  - The **Report (Word/PDF) with screenshots + doubts**

Html code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Mini Project - Portfolio Card</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>


  <header id="main-header">
    <h1 class="site-title">My Portfolio</h1>
    <nav>
      <ul>
        <li><a href="#">Home</a></li>
        <li><a href="#">Projects</a></li>
        <li><a href="#">Contact</a></li>
      </ul>
    </nav>
  </header>
```

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```
  <section class="profile-card">
    <img src="https://via.placeholder.com/150" alt="Profile Picture" class="profile-img">
    <h2 class="name">John Doe</h2>
    <p class="bio">Web Developer | Learner | Tech Enthusiast</p>
    <button class="btn">Hire Me</button>
  </section>

  <section class="projects">
    <h2 class="section-title">Projects</h2>
    <div class="project-list">
      <div class="project">Amazon Clone</div>
      <div class="project">Pizza Stop Website</div>
      <div class="project">Farmhouse Booking</div>
    </div>
  </section>

  <footer id="footer">
    <p>&copy; 2025 My Portfolio</p>
  </footer>

</body>
</html>
```

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Student Tasks – Apply CSS (in style.css)

A. Selectors & Colors

1. Use the **universal selector *** to reset margin and padding to 0.

2. Use an **element selector** to make all <p> tags **gray**.
3. Use a **class selector** .site-title → change text to **blue**.
4. Use an **ID selector** #footer → background **black**, text **white**.
5. Style .btn with background **green**, text **white**, rounded corners.

B. Text Properties

1. Center-align the site title (.site-title).
2. Make .name bold, uppercase, and font-size: 24px.
3. Use text-decoration: none; to remove underline from <a>.
4. Use text-transform: capitalize; for .bio.
5. Change font-family for body: Arial, sans-serif.

C. Units & Sizing

1. Give .profile-card a fixed width of 300px and center it using margin: auto.
2. Set .profile-img width to 100% of the card.
3. Use rem units for heading sizes and em units for paragraph spacing.

D. Box Model

1. Add padding: 20px to .profile-card.
2. Add a border 2px solid #ddd around .profile-card.
3. Add margin: 20px between project boxes (.project).

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E. Display Property

1. Change the nav menu (nav ul li) from vertical list to horizontal using display: inline-block;.
2. Make .btn an inline-block so width & height can be set.
3. Hide the .bio temporarily with display: none; and then show it back.

F. Backgrounds

1. Add a background color to body.
2. Add a gradient background for .profile-card.

G. Flexbox

1. In .project-list, use display: flex;.
2. Use gap: 15px; to add spacing between projects.
3. Use justify-content: space-around; to spread projects evenly.
4. Use align-items: center; if you add height to .project-list.

H. Bonus Challenges

1. Add hover effect on .btn: background darkens.
2. Add hover effect on nav <a>: underline on hover.
3. Make .profile-img circular using border-radius: 50%;.
4. Use z-index to place the navbar above everything.
5. Make the navbar fixed (position: fixed; top: 0; width: 100%;).

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