

RAJALAKSHMI ENGINEERING COLLEGE

AN AUTONOMOUS INSTITUTION,
AFFILIATED TO ANNA UNIVERSITY.

RAJALAKSHMI NAGAR, THANDALAM – 602 105.



DEPARTMENT OF COMPUTER SCIENCE AND DESIGN

CS23331 – DESIGN PROCESSES AND PERSPECTIVES

(Regulation 2023)

LAB MANUAL

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YR./DEPT./SEC.: 2ND YR / CSD / A
AC. YEAR: 2023-2027

List of Experiments

1	Design an UI that can teach mathematics to children of 4-5 years age in school in Rural sector
2	Design an UI that can help people to sell their handmade products in metro cities
3	Design an UI for a social media website and chat.
4	Design a publication that support different languages
5	Design a publication that tells comic stories
6	Design an advertisement for mobile company
7	Design an advertisement for any political party with images
8	Design an advertisement for electronic products
9	Design an advertisement for food products
10	Design an interactive website for new institution
11	Design a blog that publish educational post
12	Design an interactive website for hospital management system
13	Design an interactive website for food selling app

Requirements

Hardware	Intel i3 or AMD processor with 64-bit support;2 GHz or faster processor with SSE 4. or later- 8 GB RAM -Windows 10 64-bit (version 1909)or later - 1.5 GB of GPU memory -4 GB of available hard-disk space
Software	Figma, Adobe Photoshop, HTML and CSS
Operating System	Windows

Expt. No.: 1

Date:

Design an UI that can teach mathematics to children of 4-5 years age in school in Rural sector

Aim: To design an user interface for teaching mathematics to the children of 4-5 years age in school in the rural sector.

Tools: Figma, Photoshop

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used.
4. Buttons and attractive fonts have been used.
5. Proper navigation should be done to move from one page to another.
6. Login page has to be included.

Output: The Output is attached in the next page. PFA.

Result: An user interface for teaching mathematics to the children of 4-5 years age in school in the rural sector is designed.

NAME:

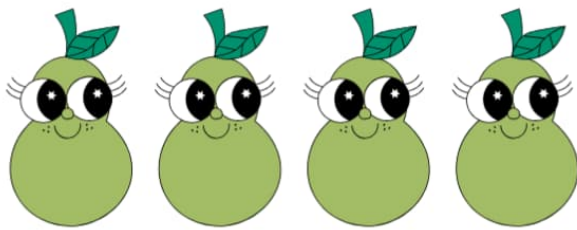
Canva

DATE:

Canva

ADDITION

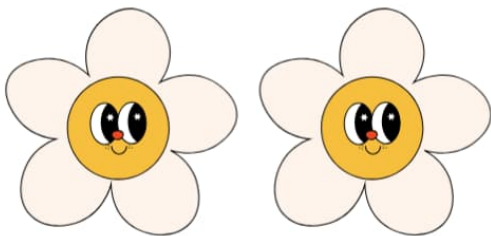
Count the objects then add with the numbers. Write the answer inside the box provided.



$$+ 3 =$$



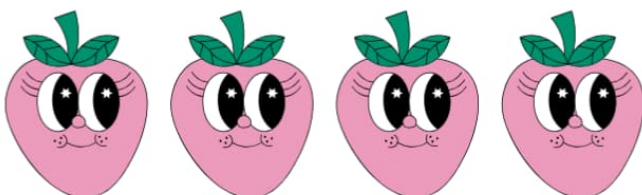
$$+ 2 =$$



$$+ 4 =$$



$$+ 1 =$$



$$+ 5 =$$



Expt. No.: 2

Date:

Design an UI that can help people to sell their handmade products in metro cities

Aim: To Design an UI that can help people to sell their handmade products in metro cities

Tools: Figma, Photoshop

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used.
4. Buttons and attractive fonts have been used.
5. Proper navigation should be done to move from one page to another.
6. Login page has to be included.

Output: The Output is attached in the next page. PFA.

Result: An UI that can help people to sell their handmade products in metro cities is designed.



Gifts

Festive Finds at Every Price

Home Favourites

Fashion Finds

Registry

Discover the latest trends from small shops.



Heirloom Era

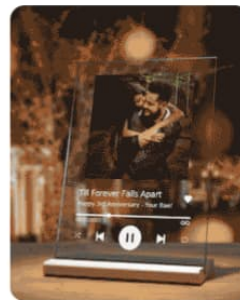
Vintage Barn
JacketsLab Grown
Engagement
Rings

Olive-core

Chunky
Blankets

Bangles

Featured categories



Expt. No.: 3

Date:

Design an UI for a social media website and chat.

Aim: To an UI for a social media website and chat

Tools: Figma, Photoshop

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos
3. Gradient color panel has to be used
4. Buttons and attractive fonts have been used
5. Proper navigation should be done to move from one page to another
6. Login page has to be included








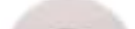
Output: The Output is attached in the next page. PFA.

Result: An UI for a social media website and chat is designed.

[Done](#)

Chats

[Broadcast Lists](#)[New Group](#)

- ☐
- **Martin Randolph** 11/19/19
✓ Yes, 2pm is awesome
- ☐
- **Andrew Parker** 11/16/19
✓ What kind of strategy is better?
- ☐
- **Karen Castillo** 11/15/19
🎤 0:14
- ☐
- **Maximillian Jacobson** 10/30/19
✓ Bro, I have a good idea!
- ☐
- **Martha Craig** 10/28/19
📷 Photo
- ☐
- **Tabitha Potter** 8/25/19
Actually I wanted to check with you about your online business plan on...
- ☐
- **Maisy Humphrey** 8/20/19
✓ Welcome, to make design process faster, look at Pixsellz
- ☐
- **Kieron Dotson** 7/29/19

[Archive](#)[Read All](#)[Delete](#)

**Martha Craig**

tap here for contact info



Good bye!

17:47 ✓✓

Fri, Jul 26

Good morning!

10:10 ✓✓

Japan looks amazing!

10:10 ✓✓



IMG_0475

2.4 MB • png

10:15 ✓✓



IMG_0481

2.8 MB • png

10:15 ✓✓

Do you know what time is it?

11:40

It's morning in Tokyo 😎

11:43 ✓✓

What is the most popular meal in Japan?

11:45

Do you like it?

11:45

I think top two are:

11:50 ✓✓



IMG_0483

2.8 MB • png

11:51 ✓✓



IMG_0484

2.6 MB • png

11:51 ✓✓



Expt. No.: 4

Date:

Design a publication that support different languages

Aim: To design a publication that support different language

Tools: Adobe Photoshop

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos
3. Gradient color panel has to be used
4. Use different languages to display the content.
5. Use images that support the content.
6. Align white spaces between the contents.

Output: The Output is attached in the next page. PFA.

Result: A publication that support different languages is designed.

People Speaking Different Languages

¡Hola!



Hello!



Ciao!



DESIGNED BY SAM SUNDAR

Expt. No.: 5

Date:

Design a publication that tells comic stories

Aim: To design a Publication That Tells Comic Stories

Tools: Adobe Photoshop

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos
3. Gradient color panel has to be used.
4. Use different languages to display the content.
5. Use images that support the content.
6. Align white spaces between the contents.

Output: The Output is attached in the next page. PFA.

Result: A publication that tells comic stories is designed.



KITSUNE
TAGLINE HERE



www.comicweb.com

ALIEN X VS GOKU



Expt. No.: 6

Date:

Design an advertisement for mobile company

Aim: To design an advertisement for mobile company

Tools: Adobe Photoshop, Canva

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos
3. Gradient color panel has to be used
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.

Output: The Output is attached in the next page. PFA.

Result: An advertisement for mobile company is designed.



Exclusive Deal

looking for a new phone?

Get New **Phone 16 Pro** From Our
Shop Now @ Unbeatable Price!

Price

\$1500

Flexible EMI plans starts
from just **\$100/month!**



Order Now



+00123 456 7879

Expt. No.: 7

Date:

Design an advertisement for any political party with images

Aim: To design an advertisement for any political party with images

Tools: Adobe Photoshop, Canva.

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used.
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.

Output: The Output is attached in the next page. PFA.

Result: An advertisement for any political party with images

VOTE
NO.23



Lorem ipsum dolor sit amet,
consectetur adipiscing elit



Lorem ipsum dolor sit amet,
consectetur adipiscing elit



Lorem ipsum dolor sit amet,
consectetur adipiscing elit

VOTE
2022



VOTING ON
14 JUNE



VOTE FOR
JOHNSMITH

Expt. No.: 8

Date:

Design an advertisement for electronic products

Aim: To design an advertisement for electronic products

Tools: Adobe Photoshop, Canva

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used .
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.

Output: The Output is attached in the next page. PFA.

Result: An advertisement for electronic products is designed.



Everything Sale

..

Lorem ipsum dolor sit consectetur
adipiscing elit. Etiam aliqu dapibus

4773 Smith Street, MA



..

Order Now!

..

Get Free Delivery Vouchers

Lorem ipsum dolor sit consectetur
adipiscing elit. Etiam aliqu dapibus

www.everythingsale.co

20 March 2023

Sale Ends at 23.59

Expt. No.: 9

Date:

Design an advertisement for food products

Aim: To design an advertisement for food products

Tools: Adobe Photoshop, Canva

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used .
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.

Output: The Output is attached in the next page. PFA.

Result: An advertisement for food products is designed.



freshfix



SPECIAL DELICIOUS FOOD IN TOWN

Healthy Food Products



FREE DELIVERY



More information
+00 123 456 789

ORDER NOW

More information
www.rajalakshmiproducts.com



Expt. No.: 10

Date:

Design an interactive website for new institution

Aim: To design interactive website for new institution

Tools: HTML, CSS

Steps:

1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.

Output: The Output is attached in the next page. PFA.

Result: An interactive website for new institution is designed.

html code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>New Institution</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>

  <!-- Header Section -->
  <header>
    <h1>New Institution Name</h1>
    <nav>
      <ul>
        <li><a href="#home">Home</a></li>
        <li><a href="#about">About Us</a></li>
        <li><a href="#programs">Programs</a></li>
        <li><a href="#contact">Contact</a></li>
      </ul>
    </nav>
  </header>

  <!-- Hero Section -->
  <section id="home" class="hero">
    <h2>Welcome to Our Institution</h2>
    <p>Empowering students for a brighter future</p>
    <a href="#programs" class="button">Explore Programs</a>
  </section>

  <!-- About Section -->
  <section id="about" class="about">
    <h2>About Us</h2>
    <p>Our institution is dedicated to providing top-notch
education and fostering a learning environment that inspires growth and
innovation.</p>
    <p>Founded in 2023, we offer a variety of programs that cater
to students' diverse interests and ambitions.</p>
  </section>

  <!-- Programs Section -->
  <section id="programs" class="programs">
```

```
<h2>Our Programs</h2>
<div class="program-list">
  <div class="program-card">
    <h3>Program 1</h3>
    <p>A brief description of Program 1 that highlights its
features and benefits.</p>
  </div>
  <div class="program-card">
    <h3>Program 2</h3>
    <p>A brief description of Program 2 that highlights its
features and benefits.</p>
  </div>
  <div class="program-card">
    <h3>Program 3</h3>
    <p>A brief description of Program 3 that highlights its
features and benefits.</p>
  </div>
</div>
</section>

<!-- Contact Section -->
<section id="contact" class="contact">
  <h2>Contact Us</h2>
  <form action="#">
    <label for="name">Name:</label>
    <input type="text" id="name" name="name" required>

    <label for="email">Email:</label>
    <input type="email" id="email" name="email" required>

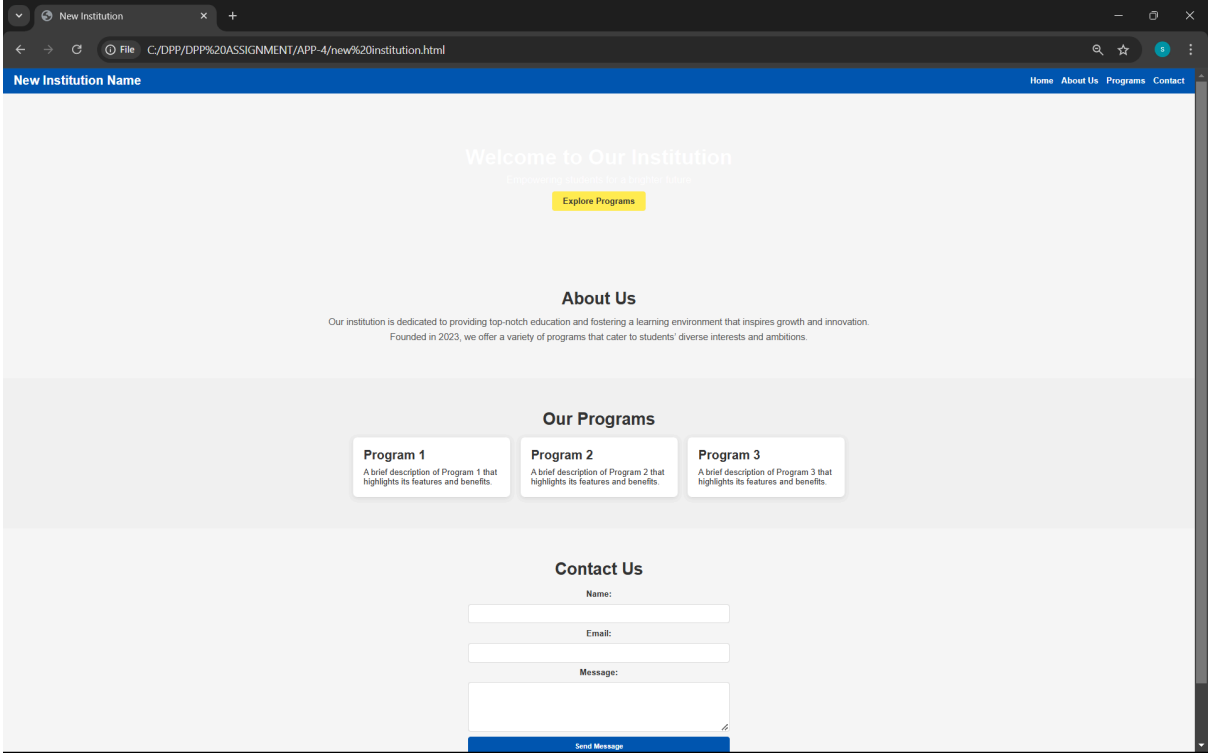
    <label for="message">Message:</label>
    <textarea id="message" name="message" rows="5"
required></textarea>

    <button type="submit" class="submit-button">Send
Message</button>
  </form>
</section>

<!-- Footer Section -->
<footer>
  <p>&copy; 2023 New Institution | All Rights Reserved</p>
</footer>
```



```
</body>
</html>
```



Expt. No.: 11

Date:

Design a Blog that Publish Educational Post

Aim: To design a blog that publishes educational post

Tools: HTML, CSS

Steps:

1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.

Output: The Output is attached in the next page. PFA.

Result: A Blog that Publish Educational Posts is designed.

html code:

```
p<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Educational Blog</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>

  <!-- Header Section -->
  <header>
    <h1>Educational Insights</h1>
    <p>Your daily dose of learning and insights</p>
    <nav>
      <ul>
        <li><a href="#">Home</a></li>
        <li><a href="#">About</a></li>
        <li><a href="#">Categories</a></li>
        <li><a href="#">Contact</a></li>
      </ul>
    </nav>
  </header>

  <!-- Main Blog Content -->
  <main>
    <section class="posts">
      <article>
        <h2>Post Title 1</h2>
        <p class="date">Published on October 10, 2023</p>
        <p class="excerpt">An introduction to the topic with
brief insights...</p>
        <a href="#" class="read-more">Read more</a>
      </article>

      <article>
        <h2>Post Title 2</h2>
        <p class="date">Published on September 5, 2023</p>
        <p class="excerpt">An introduction to the topic with
brief insights...</p>
        <a href="#" class="read-more">Read more</a>
      </article>
    </section>
  </main>
</body>
</html>
```

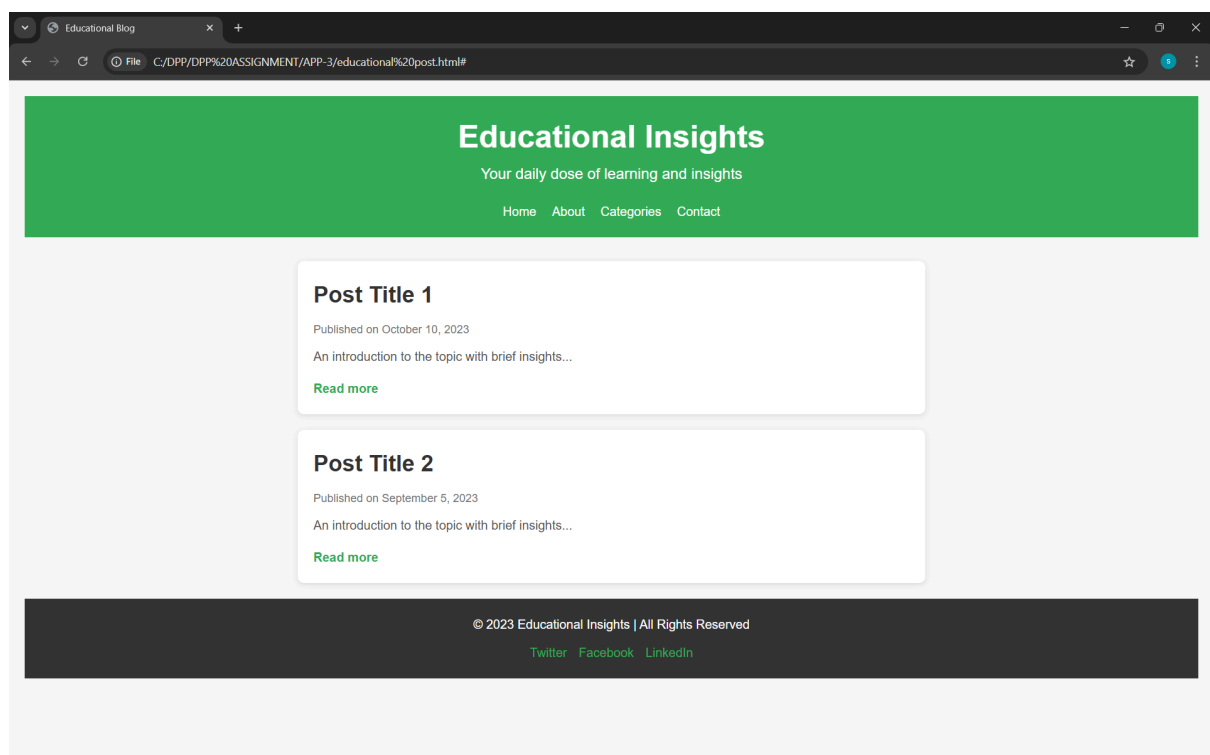
```

        <!-- Additional articles go here -->
    </section>
</main>

<!-- Footer Section -->
<footer>
    <p>&copy; 2023 Educational Insights | All Rights Reserved</p>
    <ul class="social-media">
        <li><a href="#">Twitter</a></li>
        <li><a href="#">Facebook</a></li>
        <li><a href="#">LinkedIn</a></li>
    </ul>
</footer>

</body>
</html>

```



Expt. No.: 12

Date:

Design an Interactive Website for Hospital Management System

Aim: To design interactive website for hospital management system

Tools: HTML, CSS

Steps:

1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.

Output: The Output is attached in the next page. PFA.

Result: An Interactive Website for Hospital Management System is designed.

html code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Hospital Management System</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <header>
    <h1>Hospital Management System</h1>
    <nav>
      <ul>
        <li><a href="#home">Home</a></li>
        <li><a href="#about">About Us</a></li>
        <li><a href="#services">Services</a></li>
        <li><a href="#contact">Contact</a></li>
      </ul>
    </nav>
  </header>

  <main>
    <section id="home">
      <h2>Welcome to Our Hospital</h2>
      <p>Your health is our priority. We offer a wide range of
medical services.</p>
    </section>

    <section id="about">
      <h2>About Us</h2>
      <p>We are committed to providing high-quality healthcare
services to our patients.</p>
    </section>

    <section id="services">
      <h2>Our Services</h2>
      <ul>
        <li>Emergency Care</li>
        <li>Surgery</li>
        <li>Outpatient Services</li>
        <li>Laboratory Services</li>
        <li>Pharmacy</li>
      </ul>
    </section>
  </main>
</body>
</html>
```

```
        </ul>
    </section>

    <section id="contact">
        <h2>Contact Us</h2>
        <form>
            <label for="name">Name:</label>
            <input type="text" id="name" required>

            <label for="email">Email:</label>
            <input type="email" id="email" required>

            <label for="message">Message:</label>
            <textarea id="message" required></textarea>

            <button type="submit">Submit</button>
        </form>
    </section>
</main>

<footer>
    <p>&copy; 2024 Hospital Management System. All rights
reserved.</p>
</footer>
</body>
</html>
```

Hospital Management System

HomeAbout UsServicesContact

Welcome to Our Hospital

Your health is our priority. We offer a wide range of medical services.

About Us

We are committed to providing high-quality healthcare services to our patients.

Our Services

- Emergency Care
- Surgery
- Outpatient Services
- Laboratory Services
- Pharmacy

Contact Us

Name:

Email:

Message:

Submit

Expt. No.: 13

Date:

Design an Interactive Website for Food Selling App

Aim: To design a interactive website for food selling app

Tools: HTML, CSS

Steps:

1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.

Output: The Output is attached in the next page. PFA.

Result: An Interactive Website for Food Selling App

html code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Food Selling App</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>

  <!-- Navbar -->
  <header>
    <div class="container">
      <h1 class="logo">YummyBite</h1>
      <nav>
        <ul>
          <li><a href="#home">Home</a></li>
          <li><a href="#menu">Menu</a></li>
          <li><a href="#contact">Contact</a></li>
        </ul>
      </nav>
    </div>
  </header>

  <!-- Hero Section -->
  <section id="home" class="hero">
    <div class="hero-content">
      <h2>Delicious Food, Delivered To You</h2>
      <p>Freshly made and ready to serve! Order now and
enjoy!</p>
      <a href="#menu" class="btn">Order Now</a>
    </div>
  </section>

  <!-- Menu Section -->
  <section id="menu" class="menu-section">
    <h2>Our Menu</h2>
    <div class="menu-container">
      <div class="menu-item">
        
        <h3>Classic Burger</h3>
        <p>$10.99</p>
      </div>
    </div>
  </section>
</body>
</html>
```

```
        </div>
        <div class="menu-item">
            
            <h3>Cheese Pizza</h3>
            <p>$12.99</p>
        </div>
        <div class="menu-item">
            
            <h3>Italian Pasta</h3>
            <p>$9.99</p>
        </div>
    </div>
</section>

<!-- Contact Section -->
<section id="contact" class="contact-section">
    <h2>Contact Us</h2>
    <form action="#" method="POST">
        <input type="text" placeholder="Your Name" required>
        <input type="email" placeholder="Your Email" required>
        <textarea placeholder="Your Message" required></textarea>
        <button type="submit" class="btn">Send Message</button>
    </form>
</section>

<!-- Footer -->
<footer>
    <p>© 2024 YummyBite. All rights reserved.</p>
</footer>

</body>
</html>
```

