

IT & Computer Science

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Section: SE (GREEN)

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Web Engineering Lab # 03

Landing Page with nav-bar, Hero-section and about section

HTML Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Lab 03</title>
  <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css"
rel="stylesheet">
  <style>
    *{
      margin: 0;
      padding: 0;
    }

    .nav-bar {
      height: 60px;
      width: auto;
      background-color: rgb(213, 193, 193);
      display: flex;
      justify-content: space-between;
    }

    .logo {
      margin: 20px 0 20px 100px;
      cursor: pointer;
      display: flex;
      flex-direction: row;
      gap: 8px;
      font-weight: bold;
    }

    .nav-links ul {
      list-style-type: none;
      display: flex;
      gap: 20px;
      margin: 20px;
    }

    .nav-links li {
      cursor: pointer;
    }
  </style>
</head>
<body>
  <div class="nav-bar">
    <div class="logo">
      <img alt="Logo" data-bbox="100 100 150 150"/>
      <span>Logo</span>
    </div>
    <div class="nav-links">
      <ul>
        <li><a href="#">Home</a></li>
        <li><a href="#">About</a></li>
        <li><a href="#">Services</a></li>
        <li><a href="#">Contact</a></li>
      </ul>
    </div>
  </div>
</body>
</html>
```

```
.user {
  margin: 20px 100px 20px 0;
  cursor: pointer;
}

.hero {
  background-image: url('./img/Lab03hm.jpg');
  background-repeat: no-repeat;
  background-size: cover;
  width: 100%;
  height: 100vh;
}

.heroTxt {
  margin: 200px 0 0 100px;
  background-color: rgb(132, 132, 89);
  width: 500px;
  height: 250px;
  padding: 10px;
  border-radius: 10px;
  color: rgb(0, 0, 0);
}

.largTxt {
  font-size: 3rem;
  font-weight: bolder;
  margin-bottom: 10px;
}

.btn {
  margin-top: 10px;
  height: 30px;
  width: 100px;
  background-color: rgb(132, 145, 156);
  text-align: center;
  padding-top: 10px;
  border-radius: 5px;
  cursor: pointer;
}

.about {
  margin: 100px;
  display: flex;
  flex-direction: column;
```

```

        gap: 40px;
    }

    .about-top {
        font-size: x-large;
        font-weight: bold;
        text-align: center;
    }

    .about-content {
        display: flex;
        gap: 50px;
    }

    .about-img {
        height: 380px;
        width: 1500px;
        background-image: url('./img/Lab03hm.jpg');
        background-size: cover;
        background-repeat: no-repeat;
        border-radius: 5px;
    }

    .details {
        margin-top: 40px;
        display: flex;
        flex-direction: column;
        gap: 20px;
    }

    .details h3 {
        color: rgb(117, 139, 159);
        font-size: larger;
        font-weight: bolder;
    }

</style>
</head>
<body style="background-color: rgb(237, 238, 238);">

    <div class="nav-bar">
        <div class="logo">
            <i class="fa-solid fa-book"></i>
            Instructify

```

```

</div>

<div class="nav-links">
  <ul>
    <li>Home</li>
    <li>About</li>
    <li>Course</li>
    <li>Teacher</li>
    <li>Review</li>
    <li>Blog</li>
    <li>Contact</li>
  </ul>
</div>

<div class="user">
  <i class="fa-solid fa-user"></i>
</div>
</div>

<div class="hero">>
  <div class="heroTxt">
    <div class="largTxt">
      Wellcome To Our <br> Painting Platform
    </div>
    <div class="pg">
      Lorem ipsum dolor sit amet consectetur adipisicing elit. <br>
      Labore numquam sapiente provident hic reiciendis optio <br>
      dicta in recusandae. Commodi inventore natus ad tempora <br>
      recusandae ut exercitationem reprehenderit voluptatum
      nobis nesciunt.
    </div>

    <div class="btn">
      Learn More
    </div>
  </div>
</div>

<section class="about">
  <div class="about-top">
    ABOUT US
  </div>

  <div class="about-content">

```

```

<div class="about-img">

</div>

<div class="details">
  <h3>Our Mission</h3>
  <p>
    Lorem ipsum dolor sit amet consectetur adipisicing elit.
    Beatae aut quis modi, eius voluptatibus sapiente
    reprehenderit inventore expedita libero minus commodi,
    numquam natus. Fuga eveniet saepe esse cumque enim minima.
  </p>

  <h3>Our Vision</h3>
  <p>
    Lorem ipsum dolor sit amet consectetur adipisicing elit.
    Blanditiis, earum quia molestias modi at, rerum
    voluptate labore consequatur impedit nobis dolorum
    eligendi nesciunt! Ratione, cupiditate. Hic tenetur
    voluptas voluptatem. Culpa?
    Lorem ipsum dolor sit amet consectetur adipisicing elit.
    Sunt commodi laudantium quae facere laboriosam.
  </p>

  <div class="btn">Read More</div>
</div>
</div>

</body>
</html>

```

Explanation:

Navigation Bar (.nav-bar)

- The navigation bar (**.nav-bar**) is created using a div element with a height of **60px** and a background color of **rgb(213, 193, 193)**.
- It uses **Flexbox (display: flex)** to arrange the elements horizontally and justify-content: space-between to space them out.

- The **logo** (.logo) is placed on the left, containing a **Font Awesome book icon** (*<i class="fa-solid fa-book"></i>*) and the text "**Intructify**".
- The **navigation links** are inside an unordered list (*ul*), which is also displayed using flex to arrange them in a row.
- The **user icon** (.user) is positioned on the right, displaying a Font Awesome user icon.

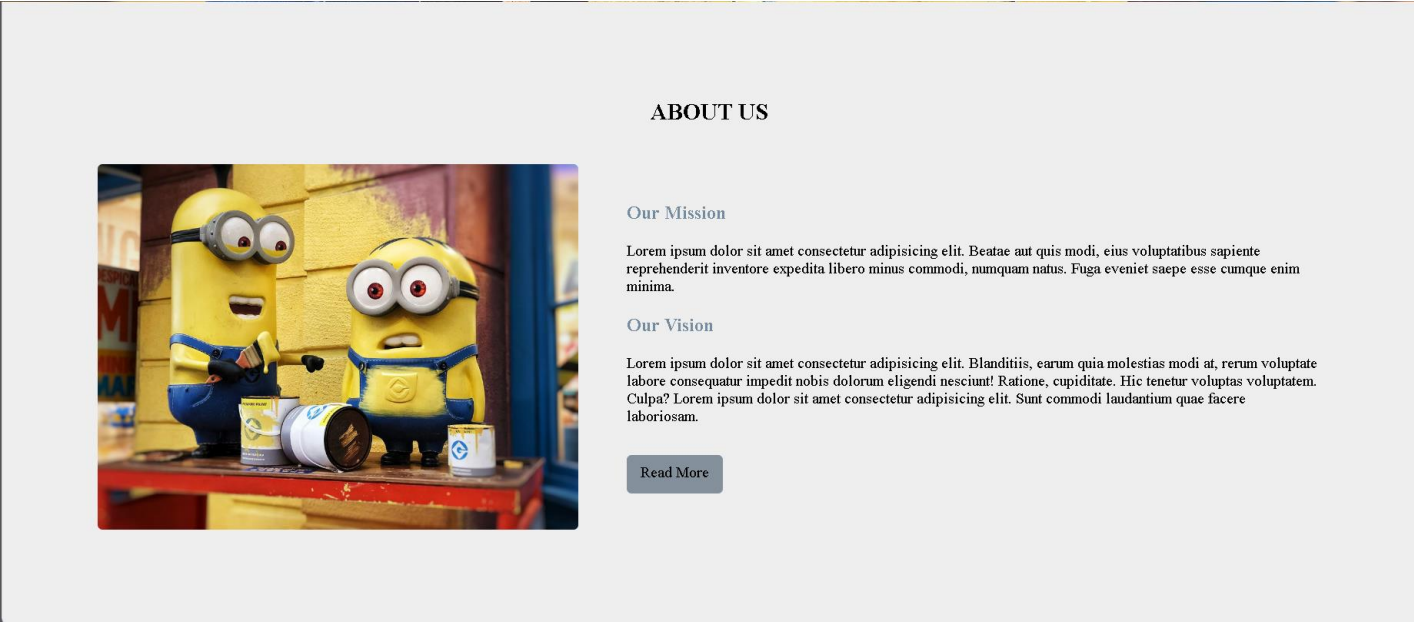
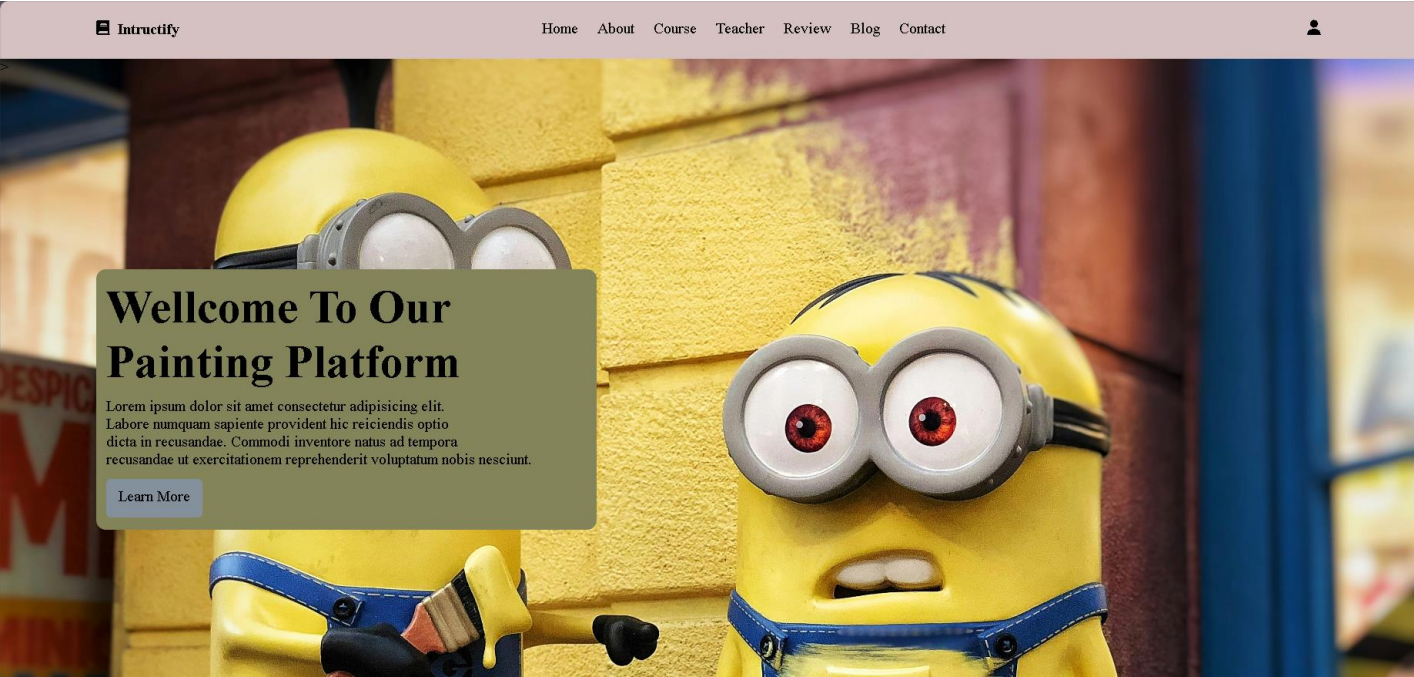
Hero Section (.hero)

- The **hero section** is a div (.hero) that takes the **full width (100%) and height of the viewport (100vh)**.
- A **background image** (*background-image: url('./img/Lab03hm.jpg')*) is used to cover the entire section.
- Inside this section, the *.heroTxt* container is positioned with *margin: 200px 0 0 100px*, giving it some spacing from the top-left corner.
- .heroTxt has a **semi-transparent background** (*rgb(132, 132, 89)*) with a width of 500px and height of **250px**.
- The **main heading** (.largTxt) is styled with *font-size: 3rem* and *font-weight: bolder* for emphasis.
- A "**Learn More**" button is styled using *.btn*, making it look like a clickable button.

About Section (.about)

- The **about section** is structured using flexbox and gap properties for spacing.
- The **title "ABOUT US"** is centered and styled with *font-size: x-large* and *font-weight: bold*.
- The .about-content container holds two elements:
 1. *.about-img* A placeholder image (*background-image: url('./img/Lab03hm.jpg')*) with a fixed height of 380px and rounded corners.
 2. *.details* A column containing "Our Mission" and "Our Vision" with bold headings (h3) and description text (p).

Output:



END!