

Replicate the web Design of SCE

Overview

You are provided with `index.html` (home page). Your task is to design a dedicated `programmes.html` and link it to the **PROGRAMMES** item on the home page.

Objective:

- Design the home page by copying the code provided.
- Create a secondary webpage and apply consistent styling using an external CSS file.
- Create accessible navigation links between pages.

Task Requirements

1. **Create** a new file: `programmes.html` in the same folder as `index.html` and `styles.css`.
2. **Develop** the page as per the design of [Programme page of SCE](#).
3. Your code should be **commented** with necessary explanations
4. **Lab Report:**

Each student must submit a report containing:

- Cover Page(Use the college assignment cover page)
 - Student Number
 - Name of the Student
 - Programme and Section
 - College Name
 - Module Name
 - Lab Report Number
 - Lab practical title
 - Aim
 - Task/Implementation
 - Conclusion: Summary of learnings
5. You should **push your code** in **Github** and **attach the link** at the end of the **document**. Make sure **your repository**(your repository name should be `studentID_LabNumber`) is **public**.

HOME PAGE CODE

HTML FILE (index.html)

```
<!DOCTYPE html><!-- Declares document type as HTML5 -->
<html>
<head>
  <title>Samtse College of Education</title>  <!-- Page
title shown in browser tab -->

  <link rel="stylesheet" href="lab2.css">  <!-- refers
external CSS file with a stylesheet relationship -->
</head>
<body>
  <div class="topbar"> <!-- Top bar container -->
    <ul class="nav-links">  <!-- Unordered list
for top navigation -->
      <li><a href="#">People</a></li>  <!-- Each
list item contains an anchor link -->
      <li><a href="#">Library (Intranet)</a></li>
      <li><a href="#">Announcement</a></li>
      <li><a href="#">RUB Policy Documents</a></li>
      <li><a href="#">Downloads</a></li>
      <li><a href="#">Help Desk</a></li>
      <li><a href="#">Contact</a></li>
    </ul>
  </div>
```

```

    <div class="main-nav">          <!-- Main navigation
bar with logo + navigation sections -->
        <div class="logo-container">          <!--
Container for logo -->
            
<!-- College logo with class 'logo' -->
        </div>

    <!-- Each nav-section contains link + description
-->
    <div class="nav-section"><a href="#">ABOUT
SCE</a><p>Who we are and what we do</p></div>
    <div class="nav-section"><a
href="#">PROGRAMMES</a><p>About the programmes we
offer</p></div>
    <div class="nav-section"><a
href="#">DEPARTMENTS</a><p>Our academic
departments</p></div>
    <div class="nav-section"><a
href="#">RESEARCH</a><p>Our research activities &
collaborations</p></div>
    <div class="nav-section"><a
href="#">ADMISSION</a><p>Admission dates and
eligibility criteria</p></div>

```

```

    <div class="nav-section"> <!-- Special case: red
button styled link -->
        <a href="#" class="btn-red">STRATEGIC PLAN</a>
    </div>
</div>

<div class="banner"> <!-- Announcement banner -->
    Reporting Dates for the Autumn Semester 2025
</div>

<div class="main-content">          <!-- Wrapper for
video + greetings -->
    <div class="video-container">          <!-- YouTube
video embedded via iframe. -->
        <iframe width="100%" height="315"
src="https://www.youtube.com/embed/k3vn11Ij4WE?si=_Hs_g
Cq94RdJG1Pi" frameborder="0" allowfullscreen></iframe>
<!-- iframe element helps you to embed another document
within the current HTML document in a rectangular
shape. -->
    </div>
    <div class="greetings">          <!-- Greetings
section -->
        <h2>Greetings!</h2>
        <p>
            Samtse College of Education was founded by
            Bhutan's Third Dharma King Late His Majesty Jigme Dorji

```

Wangchuck. Launched as a Teacher Training Institute on 29th May 1968, the institute commenced its educational journey with only 41 students and a few teacher educators. Since its establishment the College has given the country's education system over 5000 graduates with primary teaching certificate, bachelors, diploma, postgraduate diploma, and Masters qualifications. The rich and varied learning experiences we offer our students are inspired by our philosophical commitment to the wisdom of right View, right Contemplation and right Action which collectively can cause the arising of the right Result.

</p>

</div>

</div>

</body>

</html>

CSS FILE (styles.css)

```
body {  
  /* Applies styles to the entire webpage body */  
  font-family: 'Open Sans'; /* Sets the font family */  
  background-color: #fff; /* Sets the background to white  
  */  
  color: #333; /* Sets the text color to a dark grey */  
}  
  
/* Topbar */  
.topbar {  
  /* Styles the top navigation bar */  
  background: #5888b9; /* Blue background */  
  color: #fff; /* White text color */  
  padding : 0.1em; /* Very small space around content.  
  Padding is inner space. */  
  width: 100%; /* Full width of the viewport */  
}  
  
.logo {  
  /* Styles for the SCE logo image */  
  height: 15vh; /* Height set to 15% of viewport height  
  */  
  margin-top: -3em; /* Moves logo upward (negative  
  margin). Margin is the outer space*/  
}
```

```
.nav-links {  
  /* Styles the unordered list inside topbar */  
  list-style: none; /* Removes bullet points */  
  display: flex; /* Displays list items side by side  
  (flexbox) */  
  gap: 2em; /* Creates space between list items */  
  justify-content: center; /* Centers the list  
  horizontally */  
}
```

```
.nav-links li a {  
  /* Styles the anchor (<a>) links inside list items */  
  color: white; /* White text */  
  text-decoration: none; /* Removes underline */  
  font-size: 14px; /* Small font size */  
}
```

```
.main-nav {  
  /* Styles the second navigation bar */  
  display: flex; /* Arranges children in a row */  
  justify-content: space-around; /* Evenly distributes  
  space between items */  
  background-color: #fff; /* White background */  
  padding: 1em 4em 1em 2em; /* Top=1em, Right=4em,  
  Bottom=1em, Left=2em */  
}
```

```
.nav-section {  
/* Each individual navigation section (like ABOUT SCE,  
PROGRAMMES) */  
text-align: center; /* Centers text horizontally */  
padding: 1em; /* Adds space inside the section */  
}
```

```
.nav-section a {  
/* Styles the clickable link text in nav sections */  
display: block; /* Makes link take full width */  
color: #000; /* Black text */  
text-decoration: none; /* No underline */  
font-weight: bold; /* Bold text */  
}
```

```
.nav-section p {  
/* Styles the small descriptive text under each nav  
link */  
font-size: 0.75em; /* Smaller font size (relative to  
parent font) */  
color: #555; /* Grey color */  
}
```



```
.btn-red {  
  /* Styles the red "STRATEGIC PLAN" button */  
  background-color: #e74c3c; /* Red background */  
  color: #fff; /* White text */  
  padding: 1em 2em; /* 1em top/bottom, 2em left/right  
padding */  
  border-radius: 4px; /* Rounded corners */  
  text-decoration: none; /* No underline */  
  font-weight: bold; /* Bold text */  
}  
  
.banner {  
  /* Styles the horizontal banner for announcements */  
  background-color: #1565c0; /* Dark blue background */  
  color: white; /* White text */  
  text-align: center; /* Centers text horizontally */  
  padding: 0.5em; /* Padding inside banner */  
  font-weight: bold; /* Makes text bold */  
}  
  
/* Main Content */  
.main-content {  
  /* Wrapper for main section (video + greetings text) */  
  display: flex; /* Flexbox for side-by-side layout */  
  padding: 1em 10%; /* 1em top/bottom, 10% left/right  
margin */  
  gap: 5em; /* Space between child elements */ }
```

```
.video-container {  
  /* Section holding the embedded video */  
  flex: 1 1 45%; /* Flexible width: grows/shrinks, base  
  45% */  
}
```

```
.greetings {  
  /* Section holding greetings text */  
  flex: 1 1 45%; /* Flexible width: grows/shrinks, base  
  45% */  
}
```

```
.greetings p {  
  /* Styles for the paragraph inside greetings */  
  text-align: justify; /* Justifies text (aligns left and  
  right) */  
}
```