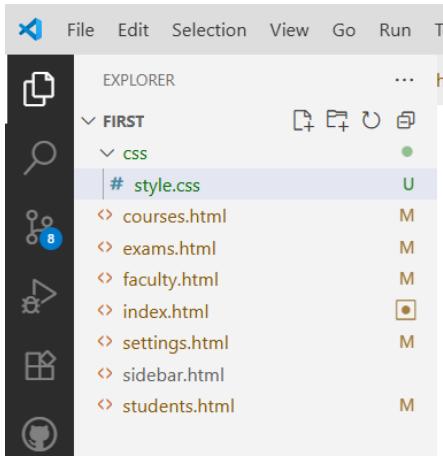


Assignment 1

File Structure:



Index.html

```
<!DOCTYPE html>

<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>College Dashboard</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons/font/bootstrap-icons.css" rel="stylesheet">
    <link rel="stylesheet" href="css/style.css"></head><body>
<div class="container-fluid"><div class="row">
    <!-- Sidebar -->
    <nav class="col-md-2 d-none d-md-block sidebar p-0"><div class="position-sticky">
        <h4 class="text-center py-3">College Admin</h4>
        <ul class="nav flex-column"><li class="nav-item"><a class="nav-link active" href="index.html"><i class="bi bi-speedometer2 me-2"></i> Dashboard</a></li>
            <li class="nav-item"><a class="nav-link" href="students.html"><i class="bi bi-person-lines-fill me-2"></i> Students</a></li>
            <li class="nav-item"><a class="nav-link" href="faculty.html"><i class="bi bi-people me-2"></i> Faculty</a></li>
```

```

<li class="nav-item"><a class="nav-link" href="courses.html"><i class="bi bi-book me-2"></i> Courses</a></li>

<li class="nav-item"><a class="nav-link" href="exams.html"><i class="bi bi-pencil-square me-2"></i> Exams</a></li>

<li class="nav-item"><a class="nav-link" href="settings.html"><i class="bi bi-gear me-2"></i> Settings</a></li></ul></div></nav>

<!-- Main Content -->

<main class="col-md-10 ms-sm-auto col-lg-10 content">

<!-- Navbar -->

<nav class="navbar navbar-expand-lg navbar-light mb-4"><div class="container-fluid">

<h5 class="mb-0">Dashboard</h5><div class="d-flex ms-auto">

<button class="btn btn-outline-primary me-2"><i class="bi bi-bell"></i></button>

<button class="btn btn-primary"><i class="bi bi-person-circle"></i> Admin</button>

</div></div></nav>

<!-- Cards -->

<div class="row g-4"><div class="col-md-3 col-sm-6"><div class="card p-3"><div class="d-flex align-items-center">

<i class="bi bi-people card-icon me-3"></i><div>

<h6 class="text-muted">Total Students</h6><h4>1,250</h4></div></div></div></div>

<div class="col-md-3 col-sm-6"><div class="card p-3"><div class="d-flex align-items-center">

<i class="bi bi-person-badge card-icon me-3"></i><div>

<h6 class="text-muted">Faculty Members</h6><h4>85</h4>

</div></div></div></div>

<div class="col-md-3 col-sm-6"><div class="card p-3"><div class="d-flex align-items-center">

<i class="bi bi-book-half card-icon me-3"></i>

<div><h6 class="text-muted">Courses</h6>

<h4>42</h4></div></div></div></div>

<div class="col-md-3 col-sm-6"><div class="card p-3"><div class="d-flex align-items-center">

<i class="bi bi-file-earmark-text card-icon me-3"></i><div>

<h6 class="text-muted">Upcoming Exams</h6>

<h4>12</h4></div></div></div></div></div>

<!-- Notices -->

```

```

<div class="row mt-4"><div class="col-md-6"><div class="card p-3">
    <h5>Recent Notices</h5><ul class="list-group list-group-flush">
        <li class="list-group-item">Semester exams start 10th Oct.</li>
        <li class="list-group-item">Workshop on AI/ML on 5th Oct.</li>
        <li class="list-group-item">Fee payment last date: 30th Sept.</li>
    </ul></div></div><div class="col-md-6"><div class="card p-3"><h5>Quick Links</h5>
    <div class="d-flex flex-wrap gap-2">
        <a href="students.html" class="btn btn-outline-primary">Add Student</a>
        <a href="exams.html" class="btn btn-outline-primary">Schedule Exam</a>
        <a href="#" class="btn btn-outline-primary">Upload Results</a>
        <a href="#" class="btn btn-outline-primary">Generate Report</a>
    </div></div></div>

<!-- Analytics (Chart.js) -->
<div class="row mt-4"><div class="col-12"><div class="card p-3"><h5>Analytics</h5>
    <p class="text-muted">Attendance trends and performance overview</p>
    <div class="row"><div class="col-lg-6 mb-3"><div class="card p-3 h-100">
        <div class="d-flex justify-content-between align-items-center mb-2">
            <h6 class="mb-0">Attendance (last 12 months)</h6>
            <select id="attendanceSelect" class="form-select form-select-sm w-auto" aria-label="Select class" onchange="updateAttendance()">
                <option value="all">All Students</option>
                <option value="year1">Year 1</option>
                <option value="year2">Year 2</option>
                <option value="year3">Year 3</option>
            </select>
        </div>
        <canvas id="attendanceChart" style="max-height:320px;"></canvas>
    </div></div>
    <div class="col-lg-6 mb-3"><div class="card p-3 h-100"><div class="d-flex justify-content-between align-items-center mb-2">
        <h6 class="mb-0">Performance Distribution</h6>
        <button class="btn btn-sm btn-outline-secondary me-1" onclick="togglePerformance('avg')">Avg Score</button>
        <button class="btn btn-sm btn-outline-secondary" onclick="togglePerformance('pass')">Pass %</button>
    </div>
    <div><img alt="Performance distribution chart" data-bbox="195 750 725 850"/></div>
</div></div></div></div>

```

```

</main></div></div>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>
<!-- Chart.js CDN -->
<script src="https://cdn.jsdelivr.net/npm/chart.js@4.4.0/dist/chart.umd.min.js"></script>
<script>

// Sample data

const months = ['Oct','Nov','Dec','Jan','Feb','Mar','Apr','May','Jun','Jul','Aug','Sep'];

const attendanceAll = [92,89,90,91,88,87,90,92,93,94,92,91];

const attendanceYear1 = attendanceAll.map(v => Math.max(75, v-10));

const attendanceYear2 = attendanceAll.map(v => Math.max(80, v-6));

const attendanceYear3 = attendanceAll.map(v => Math.max(85, v-3));

// Attendance chart

const ctxA = document.getElementById('attendanceChart').getContext('2d');

const attendanceChart = new Chart(ctxA, {

    type: 'line',

    data: {

        labels: months,

        datasets: [{

            label: 'Attendance %',

            data: attendanceAll,

            borderColor: 'rgba(54,162,235,0.9)',

            backgroundColor: 'rgba(54,162,235,0.2)',

            tension: 0.3,

            fill: true,

            pointRadius: 4}]}),

    options: {

        responsive: true,

        plugins: { legend: { display: false }, tooltip: { mode: 'index' } },

        scales: { y: { beginAtZero: false, suggestedMin: 60, suggestedMax: 100 } } });

function updateAttendance() {

```

```

const sel = document.getElementById('attendanceSelect').value;
let data = attendanceAll;
if (sel === 'year1') data = attendanceYear1;
if (sel === 'year2') data = attendanceYear2;
if (sel === 'year3') data = attendanceYear3;
attendanceChart.data.datasets[0].data = data;
attendanceChart.update();}

// Performance chart (bar)

const ctxP = document.getElementById('performanceChart').getContext('2d');
const performanceLabels = ['Math','Physics','CS','English','Chemistry','History'];
const avgScores = [78,72,85,81,75,70];
const passPerc = [92,88,96,94,90,86];
let performanceMode = 'avg';
const performanceChart = new Chart(ctxP, {
    type: 'bar',
    data: {
        labels: performanceLabels,
        datasets: [
            {
                label: 'Avg Score',
                data: avgScores,
                backgroundColor: 'rgba(255,159,64,0.8)' }]},
    options: { responsive: true, scales: { y: { beginAtZero: true, suggestedMax: 100 } } });
function togglePerformance(mode) {
    performanceMode = mode;
    if (mode === 'avg') {
        performanceChart.data.datasets[0].label = 'Avg Score';
        performanceChart.data.datasets[0].data = avgScores;
        performanceChart.config.type = 'bar';
    } else {
        performanceChart.data.datasets[0].label = 'Pass %';
        performanceChart.data.datasets[0].data = passPerc;
    }
}

```

```

performanceChart.config.type = 'line';

performanceChart.data.datasets[0].borderColor = 'rgba(75,192,192,0.9)';

performanceChart.data.datasets[0].backgroundColor = 'rgba(75,192,192,0.2)';

performanceChart.data.datasets[0].tension = 0.3;

performanceChart.data.datasets[0].fill = true; }

performanceChart.update();

}</script></body></html>

```

Courses.html

```

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Courses - College Dashboard</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">

<link href="https://cdn.jsdelivr.net/npm/bootstrap-icons/font/bootstrap-icons.css"
rel="stylesheet">

<link rel="stylesheet" href="css/style.css">

</head><body><div class="container-fluid"><div class="row">

<!-- Sidebar -->

<nav class="col-md-2 d-none d-md-block sidebar p-0"><div class="position-sticky">

<h4 class="text-center py-3">College Admin</h4>

<ul class="nav flex-column">

<li class="nav-item"><a class="nav-link" href="index.html"><i class="bi bi-speedometer2 me-2"></i> Dashboard</a></li>

<li class="nav-item"><a class="nav-link" href="students.html"><i class="bi bi-person-lines-fill me-2"></i> Students</a></li>

<li class="nav-item"><a class="nav-link" href="faculty.html"><i class="bi bi-people me-2"></i> Faculty</a></li>

<li class="nav-item"><a class="nav-link active" href="courses.html"><i class="bi bi-book me-2"></i> Courses</a></li>

```

```

<li class="nav-item"><a class="nav-link" href="exams.html"><i class="bi bi-pencil-square me-2"></i> Exams</a></li>

<li class="nav-item"><a class="nav-link" href="settings.html"><i class="bi bi-gear me-2"></i> Settings</a></li></ul></div></nav>

<!-- Content -->

<main class="col-md-10 ms-sm-auto col-lg-10 content">

<nav class="navbar navbar-light mb-4">

<h5>Courses</h5></nav>

<div class="card p-3"><h6>Available Courses</h6>

<table class="table table-hover">

<thead class="table-primary">

<tr>

<th>Course Code</th><th>Name</th><th>Department</th><th>Duration</th>

</tr></thead><tbody>

<tr><td>CSE101</td><td>Data Structures</td><td>Computer Engg</td><td>6 months</td></tr>

<tr><td>IT205</td><td>Web Development</td><td>IT</td><td>6 months</td></tr>

<tr><td>ME301</td><td>Thermodynamics</td><td>Mechanical</td><td>1 year</td></tr>

</tbody></table></div> </main></div></div></body></html>

```

Exams.html

```

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Exams - College Dashboard</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">

<link href="https://cdn.jsdelivr.net/npm/bootstrap-icons/font/bootstrap-icons.css" rel="stylesheet">

<link rel="stylesheet" href="css/style.css">

</head><body>

```

```

<div class="container-fluid"><div class="row">

    <!-- Sidebar -->

    <nav class="col-md-2 d-none d-md-block sidebar p-0"><div class="position-sticky">
        <h4 class="text-center py-3">College Admin</h4>
        <ul class="nav flex-column">
            <li class="nav-item"><a class="nav-link" href="index.html"><i class="bi bi-speedometer2 me-2"></i> Dashboard</a></li>
            <li class="nav-item"><a class="nav-link" href="students.html"><i class="bi bi-person-lines-fill me-2"></i> Students</a></li>
            <li class="nav-item"><a class="nav-link" href="faculty.html"><i class="bi bi-people me-2"></i> Faculty</a></li>
            <li class="nav-item"><a class="nav-link" href="courses.html"><i class="bi bi-book me-2"></i> Courses</a></li>
            <li class="nav-item"><a class="nav-link active" href="exams.html"><i class="bi bi-pencil-square me-2"></i> Exams</a></li>
            <li class="nav-item"><a class="nav-link" href="settings.html"><i class="bi bi-gear me-2"></i> Settings</a></li>
        </ul></div></nav>

    <!-- Content -->

    <main class="col-md-10 ms-sm-auto col-lg-10 content">
        <nav class="navbar navbar-light mb-4">
            <h5>Exams</h5>
        </nav>
        <div class="card p-3">
            <h6>Upcoming Exams</h6>
            <table class="table table-hover">
                <thead class="table-primary">
                    <tr><th>Exam ID</th><th>Course</th><th>Date</th><th>Time</th></tr>
                </thead><tbody>
                    <tr><td>E101</td><td>Data Structures</td><td>10-Oct-2025</td><td>10:00 AM</td></tr>
                    <tr><td>E205</td><td>Web Development</td><td>12-Oct-2025</td><td>2:00 PM</td></tr>
                    <tr><td>E301</td><td>Thermodynamics</td><td>15-Oct-2025</td><td>9:00 AM</td></tr>
                </tbody></table>
            </div></main>
        </div></div></body></html>

```

Faculty.html

```
<!DOCTYPE html>

<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Faculty - College Dashboard</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons/font/bootstrap-icons.css" rel="stylesheet">
    <link rel="stylesheet" href="css/style.css">
</head><body><div class="container-fluid"><div class="row">
    <!-- Sidebar -->
    <nav class="col-md-2 d-none d-md-block sidebar p-0">
        <div class="position-sticky">
            <h4 class="text-center py-3">College Admin</h4>
            <ul class="nav flex-column">
                <li class="nav-item"><a class="nav-link" href="index.html"><i class="bi bi-speedometer2 me-2"></i> Dashboard</a></li>
                <li class="nav-item"><a class="nav-link" href="students.html"><i class="bi bi-person-lines-fill me-2"></i> Students</a></li>
                <li class="nav-item"><a class="nav-link active" href="faculty.html"><i class="bi bi-people me-2"></i> Faculty</a></li>
                <li class="nav-item"><a class="nav-link" href="courses.html"><i class="bi bi-book me-2"></i> Courses</a></li>
                <li class="nav-item"><a class="nav-link" href="exams.html"><i class="bi bi-pencil-square me-2"></i> Exams</a></li>
                <li class="nav-item"><a class="nav-link" href="settings.html"><i class="bi bi-gear me-2"></i> Settings</a></li>
            </ul>
        </div>
    </nav>
    <!-- Content -->
    <main class="col-md-10 ms-sm-auto col-lg-10 content">
        <nav class="navbar navbar-light mb-4">
            <h5>Faculty Members</h5></nav><div class="card p-3"> <h6>Faculty Directory</h6>
```

```

<table class="table table-hover">
  <thead class="table-primary">
    <tr>
      <th>ID</th><th>Name</th><th>Department</th><th>Designation</th></tr>
  </thead>
  <tbody>
    <tr><td>201</td><td>Dr. Neha Joshi</td><td>Computer Engg</td><td>Professor</td></tr>
    <tr><td>202</td><td>Mr. Sandeep Patil</td><td>IT</td><td>Asst. Professor</td></tr>
    <tr><td>203</td><td>Ms. Priya Deshmukh</td><td>Mechanical</td><td>Lecturer</td></tr>
  </tbody></table></div></main> </div></div></body></html>

```

Settings.html

```

<!DOCTYPE html>

<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Settings - College Dashboard</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons/font/bootstrap-icons.css" rel="stylesheet">
    <link rel="stylesheet" href="css/style.css">
  </head><body>
  <div class="container-fluid"><div class="row">
    <!-- Sidebar -->
    <nav class="col-md-2 d-none d-md-block sidebar p-0"><div class="position-sticky">
      <h4 class="text-center py-3">College Admin</h4><ul class="nav flex-column">
        <li class="nav-item"><a class="nav-link" href="index.html"><i class="bi bi-speedometer2 me-2"></i> Dashboard</a></li>
        <li class="nav-item"><a class="nav-link" href="students.html"><i class="bi bi-person-lines-fill me-2"></i> Students</a></li>
      </ul>
    </div>
  </div>
</div>

```

```

<li class="nav-item"><a class="nav-link" href="faculty.html"><i class="bi bi-people me-2"></i>
Faculty</a></li>

<li class="nav-item"><a class="nav-link" href="courses.html"><i class="bi bi-book me-2"></i>
Courses</a></li>

<li class="nav-item"><a class="nav-link" href="exams.html"><i class="bi bi-pencil-square me-2"></i> Exams</a></li>

<li class="nav-item"><a class="nav-link active" href="settings.html"><i class="bi bi-gear me-2"></i> Settings</a></li></ul></div></nav>

<!-- Content -->

<main class="col-md-10 ms-sm-auto col-lg-10 content">

<nav class="navbar navbar-light mb-4">

<h5>Settings</h5></nav><div class="card p-4"><h6>Admin Settings</h6>

<form>

<div class="mb-3"><label class="form-label">Admin Name</label>
<input type="text" class="form-control" value="Admin User"></div>

<div class="mb-3"><label class="form-label">Email</label>
<input type="email" class="form-control" value="admin@college.com"></div>

<div class="mb-3">
<label class="form-label">Password</label>
<input type="password" class="form-control" value="*****">
</div>

<button type="submit" class="btn btn-primary">Update</button>

</form></div></main></div></div></body></html>

```

Students.html

```

<!DOCTYPE html>

<html lang="en">

<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Students - College Dashboard</title>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">

```

```

<link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@font/bootstrap-icons.css"
rel="stylesheet">

<link rel="stylesheet" href="css/style.css">

</head>

<body>

<div class="container-fluid">

<div class="row">

<!-- Sidebar -->

<nav class="col-md-2 d-none d-md-block sidebar p-0">

<div class="position-sticky">
    <h4 class="text-center py-3">College Admin</h4>
    <ul class="nav flex-column">
        <li class="nav-item"><a class="nav-link" href="index.html"><i class="bi bi-speedometer2 me-2"></i> Dashboard</a></li>
        <li class="nav-item"><a class="nav-link active" href="students.html"><i class="bi bi-person-lines-fill me-2"></i> Students</a></li>
        <li class="nav-item"><a class="nav-link" href="faculty.html"><i class="bi bi-people me-2"></i> Faculty</a></li>
        <li class="nav-item"><a class="nav-link" href="courses.html"><i class="bi bi-book me-2"></i> Courses</a></li>
        <li class="nav-item"><a class="nav-link" href="exams.html"><i class="bi bi-pencil-square me-2"></i> Exams</a></li>
        <li class="nav-item"><a class="nav-link" href="settings.html"><i class="bi bi-gear me-2"></i> Settings</a></li>
    </ul></div></nav>

<!-- Content -->

<main class="col-md-10 ms-sm-auto col-lg-10 content">
    <nav class="navbar navbar-light mb-4">
        <h5>Students</h5>
    </nav>
    <div class="card p-3">
        <h6>Student List</h6>
        <table class="table table-hover">
            <thead class="table-primary">

```

```

<tr>
<th>ID</th>
<th>Name</th>
<th>Course</th>
<th>Year</th></tr></thead><tbody>
<tr><td>101</td><td>Rahul Sharma</td><td>Computer Engg</td><td>3rd Year</td></tr>
<tr><td>102</td><td>Anjali Mehta</td><td>IT</td><td>2nd Year</td></tr>
<tr><td>103</td><td>Amit Kumar</td><td>Mechanical</td><td>1st Year</td></tr>
</tbody></table></div></main></div></div></body></html>

```

The screenshot shows the 'College Admin' dashboard at 127.0.0.1:5500/index.html. The left sidebar has 'Dashboard' selected. The main area displays four cards: 'Total Students' (1,250), 'Faculty Members' (85), 'Courses' (42), and 'Upcoming Exams' (12). Below these are 'Recent Notices' (Semester exams start 10th Oct., Workshop on AI/ML on 5th Oct., Fee payment last date: 30th Sept.) and 'Quick Links' (Add Student, Schedule Exam, Upload Results, Generate Report). The 'Analytics' section contains two charts: 'Attendance (last 12 months)' (line chart) and 'Performance Distribution' (bar chart).

The screenshot shows the 'Students' page at 127.0.0.1:5500/students.html. The left sidebar has 'Students' selected. The main area displays a table titled 'Student List' with columns: ID, Name, Course, and Year. The data is as follows:

ID	Name	Course	Year
101	Rahul Sharma	Computer Engg	3rd Year
102	Anjali Mehta	IT	2nd Year
103	Amit Kumar	Mechanical	1st Year

College Admin

Dashboard Students Faculty Courses Exams Settings

Faculty Members

Faculty Directory

ID	Name	Department	Designation
201	Dr. Neha Joshi	Computer Engg	Professor
202	Mr. Sandeep Patil	IT	Asst. Professor
203	Ms. Priya Deshmukh	Mechanical	Lecturer

College Admin

Dashboard Students Faculty Courses Exams Settings

Courses

Available Courses

Course Code	Name	Department	Duration
CSE101	Data Structures	Computer Engg	6 months
IT205	Web Development	IT	6 months
ME301	Thermodynamics	Mechanical	1 year

College Admin

Dashboard Students Faculty Courses Exams Settings

Settings

Admin Settings

Admin Name

Admin User

Email

admin@college.com

Password

.....

Update