Internet Technologies
Practical Assignment 8

Pratham Sharma, AC-1232

Question :

Create a plain HTML page for B.Sc. Hons CS course, mentioning details like fee, eligibility criteria, papers with names and credits, and future possibilities after the course. A button for styling should be there at bottom of the page. On clicking on this button JavaScript should redesign the complete page using jQuery in a nice presentable way.

Code :

Index.html

```
<html>
    <head>
        <title>B.Sc.(H) Computer Science</title>
        <link rel="stylesheet" href="style.css" />
        <script src="https://code.jquery.com/jquery-
3.6.0.min.js"></script>
        <script
            src="https://code.jquery.com/ui/1.13.2/jquery-ui.js"
            integrity="sha256-
xLD7nhI62fcsEZK2/v8LsBcb4lG7dgULkuXoXB/j91c="
            crossorigin="anonymous"
        ></script>
    </head>
    <body>
        <h1>B.SC. (HONS) COMPUTER SCIENCE</h1>
        <div class="eligibility">
            <div id="main">
                <p>
                    The Department of Computer Science offers 3-year
B.Sc. (Hons.)
                    Computer Science programme through constituent
colleges of the
                    University of Delhi.
                </p>
```

```
            </div>
            <h2 class="elig">ELIGIBILITY CRITERIA</h2>
            <table class="criteria">
                <tr>
                    <th>Science with Maths</th>
                    <th>Commerce with Maths</th>
                    <th>Humanities</th>
                </tr>
                <tr>
                    <td>Eligible. <br />Effective percentage is Best
four</td>
                    <td>
                        Eligible.<br />Effective percentage is Best
four<br />
                        (2% deduction applicable to applicants who do not
have <br />
                        the course-specific set of specified subjects at
the qualifying
                        level)
                    </td>
                    <td>
                        Not Eligible. <br />Did not study the necessary
subjects at the
                        qualifying level.
                    </td>
                </tr>
            </table>
        </div>
        <div class="Fees">
            <h2 class="fstruc">FEES STRUCTURE</h2>
            <table class="f">
                <tr>
                    <th>NAME OF COLLEGE</th>
                    <th>UR</th>
                    <th>SC</th>
                    <th>ST</th>
                    <th>PwD</th>
                </tr>
                <tr>
                    <td>Acharya Narendra Dev College</td>
                    <td>22965</td>
                    <td>22965</td>
                    <td>22965</td>
                    <td>2555</td>
                </tr>
                <tr>
                    <td>Aryabhatta College</td>
                    <td>29130</td>
```

```
                    <td>29130</td>
                    <td>29130</td>
                    <td>784</td>
                </tr>
                <tr>
                    <td>Atma Ram Sanatan Dharma College</td>
                    <td>50500</td>
                    <td>50500</td>
                    <td>50500</td>
                    <td>38200</td>
                </tr>
                <tr>
                    <td>Bhaskaracharya College of Applied Sciences</td>
                    <td>28020</td>
                    <td>28020</td>
                    <td>28020</td>
                    <td>9410</td>
                </tr>
                <tr>
                    <td>College of Vocational Studies</td>
                    <td>41000</td>
                    <td>41000</td>
                    <td>41000</td>
                    <td>75</td>
                </tr>
                <tr>
                    <td>Deen Dayal Upadhyaya College</td>
                    <td>36145</td>
                    <td>36145</td>
                    <td>36145</td>
                    <td>1730</td>
                </tr>
                <tr>
                    <td>Deshbanndhu College</td>
                    <td>15050</td>
                    <td>14350</td>
                    <td>14350</td>
                    <td>45</td>
                </tr>
                <tr>
                    <td>Dyal Singh College</td>
                    <td>15900</td>
                    <td>15900</td>
                    <td>15900</td>
                    <td>1070</td>
                </tr>
                <tr>
                    <td>Hansraj College</td>
```

```
            <td>48735</td>
            <td>48735</td>
            <td>48735</td>
            <td>775</td>
        </tr>
        <tr>
            <td>Indraprastha College for Women</td>
            <td>45600</td>
            <td>45600</td>
            <td>45600</td>
            <td>5</td>
        </tr>
        <tr>
            <td>Kalindi College</td>
            <td>29247</td>
            <td>29247</td>
            <td>29247</td>
            <td>105</td>
        </tr>
        <tr>
            <td>Keshav Mahavidhyala</td>
            <td>24156</td>
            <td>24156</td>
            <td>24156</td>
            <td>280</td>
        </tr>
        <tr>
            <td>Mata Sundari College for Women</td>
            <td>24100</td>
            <td>24100</td>
            <td>24100</td>
            <td>55</td>
        </tr>
        <tr>
            <td>PGDAV College</td>
            <td>41800</td>
            <td>41800</td>
            <td>41800</td>
            <td>41800</td>
        </tr>
        <tr>
            <td>Ram Lal Anand College</td>
            <td>65140</td>
            <td>64955</td>
            <td>64955</td>
            <td>75</td>
        </tr>
        <tr>
```

```
                    <td>Ramanujan College</td>
                    <td>30000</td>
                    <td>30000</td>
                    <td>30000</td>
                    <td>170</td>
                </tr>
                <tr>
                    <td>
                        Shivaji College Shaheed Rajguru College of
Applied Sciences for
                        Women
                    </td>
                    <td>30620</td>
                    <td>30440</td>
                    <td>30440</td>
                    <td>1490</td>
                </tr>
                <tr>
                    <td>Shaheed Sukhdev College for Business Studies</td>
                    <td>29025</td>
                    <td>29025</td>
                    <td>29025</td>
                    <td>4095</td>
                </tr>
                <tr>
                    <td>Shyama Prasad Mukherji College</td>
                    <td>39305</td>
                    <td>39305</td>
                    <td>39305</td>
                    <td>125</td>
                </tr>
                <tr>
                    <td>Sri Guru Gobind Singh College of Commerce</td>
                    <td>45200</td>
                    <td>45200</td>
                    <td>45200</td>
                    <td>125</td>
                </tr>
                <tr>
                    <td>Sri Guru Tegh Bahadur Khalsa College</td>
                    <td>26965</td>
                    <td>26965</td>
                    <td>26965</td>
                    <td>175</td>
                </tr>
            </table>
        </div>
        <div class="papers">
```

```
<h2 class="pr">PAPERS AND CREDITS</h2>
<table class="ppr">
    <tr>
        <th>Semester</th>
        <th>Course Opted</th>
        <th>Course Name</th>
        <th>Credits</th>
    </tr>
    <tr>
        <td rowspan="6">I</td>
        <td>Core Course-I</td>
        <td>Programming Fundamentals using C++</td>
        <td>4</td>
    </tr>
    <tr>
        <td>Core Course-I Practical</td>
        <td>Programming Fundamentals using C++ Lab</td>
        <td>2</td>
    </tr>
    <tr>
        <td>Core Course-II</td>
        <td>Computer System Architecture</td>
        <td>4</td>
    </tr>
    <tr>
        <td>Core Course-II Practical</td>
        <td>Computer System Architecture Lab</td>
        <td>2</td>
    </tr>
    <tr>
        <td>General Elective-I</td>
        <td>GE-1</td>
        <td>4/5</td>
    </tr>
    <tr>
        <td>General Elective-I Practical</td>
        <td>GE-1</td>
        <td>2/1</td>
    </tr>
    <tr>
        <td rowspan="6">II</td>
        <td>Core Course-III</td>
        <td>Programming in Java</td>
        <td>4</td>
    </tr>
    <tr>
        <td>Core Course-III Practical</td>
        <td>Programming in Java Lab</td>
```

```
            <td>2</td>
        </tr>
        <tr>
            <td>Core Course-IV</td>
            <td>Discrete Structure</td>
            <td>4</td>
        </tr>
        <tr>
            <td>Core Course-IV Practical</td>
            <td>Discrete Structure Lab</td>
            <td>2</td>
        </tr>
        <tr>
            <td>General Elective-II</td>
            <td>GE-2</td>
            <td>4/5</td>
        </tr>
        <tr>
            <td>General Elective-II Practical</td>
            <td>GE-2</td>
            <td>2/1</td>
        </tr>
        <tr>
            <td rowspan="9">III</td>
            <td>Core Course-V</td>
            <td>Data Structures</td>
            <td>4</td>
        </tr>
        <tr>
            <td>Core Course-V Practical</td>
            <td>Data Structures Lab</td>
            <td>2</td>
        </tr>
        <tr>
            <td>Core Course-VI</td>
            <td>Operating System</td>
            <td>4</td>
        </tr>
        <tr>
            <td>Core Course-VI Pactical</td>
            <td>Operating System Lab</td>
            <td>2</td>
        </tr>
        <tr>
            <td>Core Course-VII</td>
            <td>Computer Networks</td>
            <td>4</td>
        </tr>
```

```
                <tr>
                    <td>Core Course-VII Pactical</td>
                    <td>Computer Networks Lab</td>
                    <td>2</td>
                </tr>
                <tr>
                    <td>Skill Enhancement Course-1</td>
                    <td>SEC-1</td>
                    <td>4</td>
                </tr>
                <tr>
                    <td>General Elective-III</td>
                    <td>GE-3</td>
                    <td>4/5</td>
                </tr>
                <tr>
                    <td>General Elective-III Practical</td>
                    <td>GE-3</td>
                    <td>2/1</td>
                </tr>
                <tr>
                    <td rowspan="9">IV</td>
                    <td>Core Course-VIII</td>
                    <td>Design and Analysis of Algorithms</td>
                    <td>4</td>
                </tr>
                <tr>
                    <td>Core Course-VIII Practical</td>
                    <td>Design and Analysis of Algorithms Lab</td>
                    <td>2</td>
                </tr>
                <tr>
                    <td>Core Course-IX</td>
                    <td>Software Engineering</td>
                    <td>4</td>
                </tr>
                <tr>
                    <td>Core Course-IX Practical</td>
                    <td>Software Engineering Lab</td>
                    <td>2</td>
                </tr>
                <tr>
                    <td>Core Course-X</td>
                    <td>Database Management Systems</td>
                    <td>4</td>
                </tr>
                <tr>
                    <td>Core Course-X Practical</td>
```

```
        <td>Database Management Systems Lab</td>
        <td>2</td>
    </tr>
    <tr>
        <td>Skill Enhancement Course-2</td>
        <td>SEC-2</td>
        <td>4</td>
    </tr>
    <tr>
        <td>Generic Elective-4</td>
        <td>GE-4</td>
        <td>4/5</td>
    </tr>
    <tr>
        <td>Generic Elective-4 Practical</td>
        <td>GE-4</td>
        <td>2/1</td>
    </tr>
    <tr>
        <td rowspan="8">V</td>
        <td>Core Course-XI</td>
        <td>Internet Technologies</td>
        <td>4</td>
    </tr>
    <tr>
        <td>Core Course-XI Lab</td>
        <td>Internet Technologies Lab</td>
        <td>2</td>
    </tr>
    <tr>
        <td>Core Course-XII</td>
        <td>Theory of Computation</td>
        <td>5</td>
    </tr>
    <tr>
        <td>Core Course-XII Tutorial</td>
        <td>Theory of Computation Tutorial</td>
        <td>1</td>
    </tr>
    <tr>
        <td>Discipline Specific Elective-1</td>
        <td>DSE-1</td>
        <td>4</td>
    </tr>
    <tr>
        <td>Discipline Specific Elective-1 Lab</td>
        <td>DSE-1 Lab</td>
        <td>2</td>
```

```
            </tr>
            <tr>
                <td>Discipline Specific Elective-2</td>
                <td>DSE-2</td>
                <td>4</td>
            </tr>
            <tr>
                <td>Discipline Specific Elective-2 Lab</td>
                <td>DSE-2 Lab</td>
                <td>2</td>
            </tr>
            <tr>
                <td rowspan="8">VI</td>
                <td>Core Course-XIII</td>
                <td>Artificial Intelligence</td>
                <td>4</td>
            </tr>
            <tr>
                <td>Core Course-XIII Lab</td>
                <td>Artificial Intelligence Lab</td>
                <td>2</td>
            </tr>
            <tr>
                <td>Core Course-XIV</td>
                <td>Computer Graphics</td>
                <td>4</td>
            </tr>
            <tr>
                <td>Core Course-XIV Lab</td>
                <td>Computer Graphics Lab</td>
                <td>2</td>
            </tr>
            <tr>
                <td>Discipline Specific Elective-3</td>
                <td>DSE-3</td>
                <td>4</td>
            </tr>
            <tr>
                <td>Discipline Specific Elective-3 Lab</td>
                <td>DSE-3 Lab</td>
                <td>2</td>
            </tr>
            <tr>
                <td>Discipline Specific Elective-4</td>
                <td>DSE-4</td>
                <td>4</td>
            </tr>
            <tr>
```

```
                    <td>Discipline Specific Elective-4 Lab</td>
                    <td>DSE-4 Lab</td>
                    <td>2</td>
                </tr>
                <tr>
                    <td>Total Credits</td>
                    <td colspan="3" align="right">140</td>
                </tr>
            </table>
        </div>
        <div class="future">
            <h2 class="fut">FUTURE POSSIBILITIES</h2>
            <ul>
                <li>Post Graduation: MCA/MSc.</li>
                <li>Placements/Jobs</li>
                <li>Diploma or crash courses</li>
            </ul>
        </div>
        <button>REDESIGN THE PAGE</button>
        <script src="index.js"></script>
    </body>
</html>
```

Index.js

```
$(document).ready(function () {
    $("button").on("click", function () {
        $("table").addClass("tdesign");
        $("tr:nth-child(even)").css("background-color", "#BB6060");
        $("h1").addClass("heading_h1");
        $("h2").css({ color: "crimson", "font-family": "Courier" });
        $("button").addClass("button_style");
    });
});
```

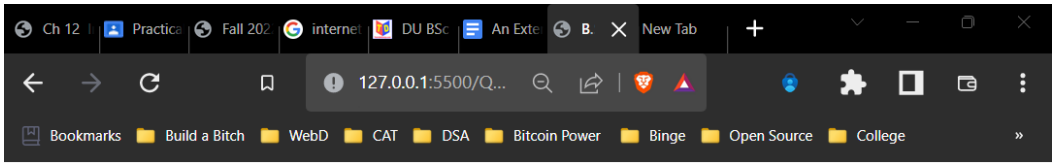
main.css

```
table,

td,
tr,
th {
    border: 1px solid black;
    border-collapse: collapse;
}
td {
    font-size: larger;
```

```
}
th {
    font-size: larger;
    text-transform: uppercase;
}
th,
td {
    padding: 10px;
}
table {
    width: 70%;
}
h1 {
    font-size: 38px;
    text-align: center;
}
body {
    font-size: 16pt;
}
button {
    width: 15%;
    height: 10%;
    font-size: 16pt;
    align-items: center;
    margin-left: 40%;
    margin-right: 50%;
    border-radius: 50px;
}
.tdesign {
    border: 2px solid salmon;
}
.heading_h1 {
    color: red;
    font-family: courier new;
    font-weight: bolder;
    text-decoration: underline;
}
.button_style {
    color: coral;
    border: 5px solid brown;
    font-weight: bold;
    text-decoration: darkred;
}
```

Output



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FEES STRUCTURE

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Sri Guru Gobind Singh College of Commerce	45200	45200	45200	125
Sri Guru Tegh Bahadur Khalsa College	26965	26965	26965	175

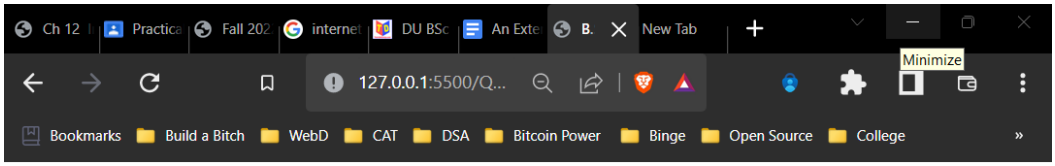
PAPERS AND CREDITS

Semester	Course Opted	Course Name	Credits
I	Core Course-I	Programming Fundamentals using C++	4
	Core Course-I Practical	Programming Fundamentals using C++ Lab	2
	Core Course-II	Computer System Architecture	4
	Core Course-II Practical	Computer System Architecture Lab	2
	General Elective-I	GE-1	4/5
	General Elective-I Practical	GE-1	2/1
II	Core Course-III	Programming in Java	4
	Core Course-III Practical	Programming in Java Lab	2
	Core Course-IV	Discrete Structure	4
	Core Course-IV Practical	Discrete Structure Lab	2
	General Elective-II	GE-2	4/5
	General Elective-II Practical	GE-2	2/1
III	Core Course-V	Data Structures	4
	Core Course-V Practical	Data Structures Lab	2
	Core Course-VI	Operating System	4
	Core Course-VI Pactical	Operating System Lab	2
	Core Course-VII	Computer Networks	4
	Core Course-VII Pactical	Computer Networks Lab	2
	Skill Enhancement Course-1	SEC-1	4
	General Elective-III	GE-3	4/5
	General Elective-III Practical	GE-3	2/1
IV	Core Course-VIII	Design and Analysis of Algorithms	4
	Core Course-VIII Practical	Design and Analysis of Algorithms Lab	2
	Core Course-IX	Software Engineering	4
	Core Course-IX Practical	Software Engineering Lab	2
	Core Course-X	Database Management Systems	4
	Core Course-X Practical	Database Management Systems Lab	2
	Skill Enhancement Course-2	SEC-2	4
	Generic Elective-4	GE-4	4/5
	Generic Elective-4 Practical	GE-4	2/1
V	Core Course-XI	Internet Technologies	4
	Core Course-XI Lab	Internet Technologies Lab	2
	Core Course-XII	Theory of Computation	5
	Core Course-XII Tutorial	Theory of Computation Tutorial	1
	Discipline Specific Elective-1	DSE-1	4
	Discipline Specific Elective-1 Lab	DSE-1 Lab	2
	Discipline Specific Elective-2	DSE-2	4
	Discipline Specific Elective-2 Lab	DSE-2 Lab	2
VI	Core Course-XIII	Artificial Intelligence	4
	Core Course-XIII Lab	Artificial Intelligence Lab	2
	Core Course-XIV	Computer Graphics	4
	Core Course-XIV Lab	Computer Graphics Lab	2
	Discipline Specific Elective-3	DSE-3	4
	Discipline Specific Elective-3 Lab	DSE-3 Lab	2
	Discipline Specific Elective-4	DSE-4	4
	Discipline Specific Elective-4 Lab	DSE-4 Lab	2
Total Credits			140

FUTURE POSSIBILITIES

- Post Graduation: MCA/MSc.
- Placements/Jobs
- Diploma or crash courses

REDESIGN THE PAGE



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	Core Course-IV Practical	Discrete Structure Lab	2
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	Core Course-VI Pactical	Operating System Lab	2
	Core Course-VII	Computer Networks	4
	Core Course-VII Pactical	Computer Networks Lab	2
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	General Elective-III	GE-3	4/5
	General Elective-III Practical	GE-3	2/1
IV	Core Course-VIII	Design and Analysis of Algorithms	4
	Core Course-VIII Practical	Design and Analysis of Algorithms Lab	2
	Core Course-IX	Software Engineering	4
	Core Course-IX Practical	Software Engineering Lab	2
	Core Course-X	Database Management Systems	4
	Core Course-X Practical	Database Management Systems Lab	2
	Skill Enhancement Course-2	SEC-2	4
	Generic Elective-4	GE-4	4/5
	Generic Elective-4 Practical	GE-4	2/1
V	Core Course-XI	Internet Technologies	4
	Core Course-XI Lab	Internet Technologies Lab	2
	Core Course-XII	Theory of Computation	5
	Core Course-XII Tutorial	Theory of Computation Tutorial	1
	Discipline Specific Elective-1	DSE-1	4
	Discipline Specific Elective-1 Lab	DSE-1 Lab	2
	Discipline Specific Elective-2	DSE-2	4
	Discipline Specific Elective-2 Lab	DSE-2 Lab	2
VI	Core Course-XIII	Artificial Intelligence	4
	Core Course-XIII Lab	Artificial Intelligence Lab	2
	Core Course-XIV	Computer Graphics	4
	Core Course-XIV Lab	Computer Graphics Lab	2
	Discipline Specific Elective-3	DSE-3	4
	Discipline Specific Elective-3 Lab	DSE-3 Lab	2
	Discipline Specific Elective-4	DSE-4	4
	Discipline Specific Elective-4 Lab	DSE-4 Lab	2
Total Credits			140

FUTURE POSSIBILITIES

- Post Graduation: MCA/MSc.
- Placements/Jobs
- Diploma or crash courses

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