DELHI TECHNOLOGICAL UNIVERSITY

WEB TECHNOLOGY
(CO - 426)

LAB FILE

Submitted by -

Sachin Duhan
2K17/MC/087

DELHI TECHNOLOGICAL UNIVERSITY

VISION

TO BE A WORLD CLASS UNIVERSITY THROUGH EDUCATION, INNOVATION AND RESEARCH FOR THE SERVICE OF HUMANITY.

MISSION

✦ TO ESTABLISH CENTRES OF EXCELLENCE IN EMERGING AREAS OF SCIENCE, ENGINEERING, TECHNOLOGY, MANAGEMENT AND ALLIED AREAS.

✦ TO FOSTER AN ECOSYSTEM FOR INCUBATION, PRODUCT DEVELOPMENT, TRANSFER OF TECHNOLOGY AND ENTREPRENEURSHIP.

✦ TO CREATE ENVIRONMENT OF COLLABORATION, EXPERIMENTATION, IMAGINATION AND CREATIVITY.

✦ TO DEVELOP HUMAN POTENTIAL WITH ANALYTICAL ABILITIES, ETHICS AND INTEGRITY.

✦ TO PROVIDE ENVIRONMENT FRIENDLY, REASONABLE AND SUSTAINABLE SOLUTIONS FOR LOCAL AND GLOBAL NEEDS.

Department of Computer Science & Engineering

VISION

TO EMERGE AS A CENTRE OF EXCELLENCE AND EMINENCE BY IMPARTING FUTURISTIC TECHNICAL EDUCATION WITH SOLID MATHEMATICAL BACKGROUND IN KEEPING WITH GLOBAL STANDARDS, MAKING OUR STUDENTS TECHNOLOGICALLY AND MATHEMATICALLY COMPETENT AND ETHICALLY STRONG SO THAT THEY CAN READILY CONTRIBUTE TO THE RAPID ADVANCEMENT OF SOCIETY AND MANKIND

MISSION

- TO ACHIEVE ACADEMIC EXCELLENCE THROUGH INNOVATIVE TEACHING AND LEARNING PRACTICES.
- TO IMPROVE THE RESEARCH COMPETENCE TO ADDRESS SOCIAL NEEDS.
- TO INCULCATE A CULTURE THAT SUPPORTS AND REINFORCES ETHICAL, PROFESSIONAL BEHAVIOURS FOR A HARMONIOUS AND PROSPEROUS SOCIETY.
- STRIVE TO MAKE STUDENTS TO UNDERSTAND, APPRECIATE AND GAIN MATHEMATICAL SKILLS AND DEVELOP LOGIC, SO THAT THEY ARE ABLE TO CONTRIBUTE INTELLIGENTLY IN DECISION MAKING WHICH CHARACTERISES OUR SCIENTIFIC AND TECHNOLOGICAL AGE.

PROGRAMME EDUCATIONAL OUTCOMES

- TO PREPARE GRADUATES WITH A SOLID FOUNDATION IN ENGINEERING, MATHEMATICAL SCIENCE AND TECHNOLOGY FOR A SUCCESSFUL CAREER IN MATHEMATICS AND COMPUTING / FINANCE / COMPUTER ENGINEERING FIELDS.
- TO PREPARE GRADUATES TO BECOME EFFECTIVE COLLABORATORS / INNOVATORS, WHO COULD ABLY ADDRESS TOMORROW'S SOCIAL, TECHNICAL AND ENGINEERING CHALLENGES.
- TO ENRICH GRADUATES WITH INTEGRITY AND ETHICAL VALUES SO THAT THEY BECOME RESPONSIBLE ENGINEERS.

PROGRAMME OUTCOMES

1. ENGINEERING KNOWLEDGE: THE GRADUATE OF MATHEMATICS & COMPUTING MUST HAVE AN ABILITY TO APPLY KNOWLEDGE OF MATHEMATICS, BASIC SCIENCE AND COMPUTER SCIENCE TO SOLVE ENGINEERING AND RELATED PROBLEMS.
2. PROBLEM ANALYSIS: AN ABILITY TO IDENTIFY, ANALYZE AND FORMULATE COMPLEX ENGINEERING PROBLEMS TO REACH LOGICAL CONCLUSION.
3. DESIGN/DEVELOPMENT OF SOLUTION: AN ABILITY TO DESIGN AND CONDUCT EXPERIMENTS, ANALYZE AND INTERPRET THE DATA.
4. CONDUCT INVESTIGATIONS OF COMPLEX PROBLEMS: AN ABILITY TO USE RESEARCH-BASED KNOWLEDGE AND APPLY RESEARCH METHODS TO PROVIDE VALID CONCLUSION.
5. MODERN TOOL USAGES: AN ABILITY TO CREATE, SELECT AND IMPLEMENT APPROPRIATE TECHNIQUES, SUCH AS ARTIFICIAL INTELLIGENCE, NEURAL NETWORK TO MODEL COMPLEX COMPUTER ENGINEERING ACTIVITY.
6. THE ENGINEER AND SOCIETY: AN ABILITY TO EXPLORE THE IMPACT OF ENGINEERING SOLUTIONS ON THE SOCIETY AND ALSO ON CONTEMPORARY ISSUES ON SOCIETAL AND ENVIRONMENTAL CONTEXT.
7. ENVIRONMENT AND SUSTAINABILITY: AN ABILITY TO DESIGN A FEASIBLE SYSTEM, COMPONENT OR PROCESS WITHOUT VIOLATING NORMS FOR PUBLIC HEALTH AND SAFETY, CULTURAL, SOCIAL AND ENVIRONMENTAL ISSUES.
8. ETHICS: AN ABILITY TO UNDERSTAND AND PRACTICE PROFESSIONAL AND ETHICAL RESPONSIBILITIES. INDIVIDUAL AND TEAM WORKS: AN ABILITY TO FUNCTION EFFECTIVELY AS AN INTEGRAL MEMBER OR A LEADER IN A MULTIDISCIPLINARY TEAM.
9. COMMUNICATION: AN ABILITY TO COMMUNICATE EFFECTIVELY IN BOTH ORAL AND WRITTEN FORM FOR EFFECTIVE TECHNICAL DECISION MAKING, REPORT MAKING AND PRESENTATION.
10. PROJECT MANAGEMENT AND FINANCE: AN ABILITY TO DEMONSTRATE PRINCIPLE OF MANAGEMENT AND APPLY THEM TO SUITABLE PROJECTS.
11. LIFE LONG LEARNING: AN ABILITY TO RECOGNIZE THE NEED FOR AND TO READY FOR LIFE LONG LEARNING TO KEEP UPDATED ON TECHNOLOGICAL CHANGES.

EXPERIMENT 1

AIM - Create a webpage with HTML describing your department. Use paragraph and list tags.

CODE **[GITHUB LINK]**

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>EXPERIMENT 1</title>
</head>

<body>
    <h1>DETAILS ABOUT MCE DEPARTUREMENT</h1>
    <p>The Department of Applied Mathematics is the pride of DTU. The aim of the department is to impart the sound knowledge of Mathematics, Statistics and Computing to the students through teaching and research. The department is achieving its goals/objectives with the help of highly qualified faculty. The research output of the department is very impressive and speaks clearly for the quality of work. Faculty members are also actively involved in research, projects and various academic activities.
    </p>
    <br>
    <h2>OTHER PROGRAMS</h2>
    <ol>
        <li>
            B.Tech. (Mathematics and Computation): This program is an amalgamation of Mathematics with Computer Science and Financial Engineering. The curriculum has been designed to meet the needs of sophisticated mathematics for modern scientific investigations and technological developments. The students are being enriched with the in-depth theoretical background and practical training in Numerical Computing, Operations Research, Computer Science and Mathematical finance by a team of committed faculty members from the disciplines of Pure Mathematics, Applied Mathematics, Computer Engineering, Information technology and Economics. These students are highly demanded by the recruiters of the top companies. They are also getting admission for higher studies in the topmost Universities of India & abroad
        </li>
        <li>
```

 M.Sc. (Mathematics):This programme has commenced in the current academic year 2019-20 with an intake of 33. The course is designed to cater to the needs of students aspiring for research, teaching profession and industry.

 PhD - The Department of Applied Mathematics also offers a PhD programme in various areas of Mathematics like Information Theory, Graph Theory and Petri net Theory, Numerical Simulation, General Relativity and Cosmology,

Complex Analysis, Algebra, Approximation Theory, Operations Research, Optimization Techniques, Numerical Analysis, Mathematical Modelling and Quantum computing.

</body>

</html>

OUTPUT

DETAILS ABOOUT MCE DEPARTUREMENT

The Department of Applied Mathematics is the pride of DTU. The aim of the department is to impart the sound knowledge of Mathematics, Statistics and Computing to the students through teaching and research. The department is achieving its goals/objectives with the help of highly qualified faculty. The research output of the department is very impressive and speaks clearly for the quality of work. Faculty members are also actively involved in research, projects and various academic activities.

OTHER PROGRAMS

1. B.Tech. (Mathematics and Computation):This program is an amalgamation of Mathematics with Computer Science and Financial Engineering. The curriculum has been designed to meet the needs of sophisticated mathematics for modern scientific investigations and technological developments. The students are being enriched with in-depth theoretical background and practical training in Numerical Computing, Operations Research, Computer Science and Mathematical finance by a team of committed faculty members from the disciplines of Pure Mathematics, Applied Mathematics, Computer Engineering, Information technology and Economics. These students are highly demanded by the recruiters of the top companies. They are also getting admission for higher studies in the top most Universities of India & abroad
2. **M.Sc.** (Mathematics):This programme has commenced in the current academic year 2019-20 with an intake of 33. The course is designed to cater the needs of students aspiring for research, teaching profession and industry.
3. **Ph.D.** - The Department of Applied Mathematics also offers Ph.D. programme in various areas of Mathematics like Information Theory, Graph Theory and Petri net Theory, Numerical Simulation, General Relativity and Cosmology, Complex Analysis, Algebra, Approximation Theory, Operations Research, Optimization Techniques, Numerical Analysis, Mathematical Modelling and Quantum computing.

EXPERIMENT 2

AIM - Apply various colours to suitably distinguish keywords. Also, apply font styling like italics, underline and two other fonts to words you find appropriate. Also, use header tags.

CODE **[GITHUB LINK]**

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>EXPERIMENT 2</title>
</head>
<style>
    h1 { color: red; }
    h2 { color: indigo;  }
    h4 { color: green;  }
    h5 { color: yellow; }
</style>
<body>
    <h3>AIM</h3>
    <p>Apply various colours to suitably distinguish key words. Also apply font styling like italics, underline and two other fonts to words you find appropriate. Also use header tags.</p>
    <hr>
    <h1>H1 TAG</h1>
    <h2>H2 TAG</h2>
    <h3>H3 TAG</h3>
    <h4>H4 TAG</h4>
    <h5>H5 TAG</h5>
    <h6>H6 TAG</h6>
    <hr>
    <h2>Bold & Italic</h2>
    <h3><i>This is an example of Italic</i> </h3>
    <h3><strong>This is an example of Bold </strong> </h3>
    <hr>
    <h2>Font Styles</h2>
    <p style="font-family:'Courier New', Courier, monospace">font family in html</p>
    <p style="font-family:'Times New Roman'">font family in html</p>
```

```
    <p style="font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans',
Arial, sans-serif;">font family in html</p>
</body>
</html>
```

OUTPUT

AIM

Apply various colours to suitably distinguish key words. Also apply font styling like italics, underline and two other fonts to words you find appropriate. Also use header tags.

H1 TAG

H2 TAG

H3 TAG

H4 TAG

H5 TAG

H6 TAG

Bold & Italic

This is an example of Italic

This is an example of Bold

Font Styles

`font family in html`

font family in html

EXPERIMENT 3

AIM - Insert an image and create a link such that clicking on the image takes the user to another page. Change the background colour of the page. At the bottom create a link to take the user to the top of the page

CODE **[GITHUB LINK]**

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>EXPERIMENT 3</title>
</head>
<style>
    * {
        scroll-behavior: smooth;
    }
    body {
        background-color: #ddf3c0ec;
        color: rgb(41, 5, 66);
    }
</style>
<body>
    <h2>OBJECTIVE OF PRACTICAL</h2>
    <p> Insert an image and create a link such that clicking on image takes user to other page. Change the background colour of the page. At the bottom create a link to take user to the top of the page. </p>
    <hr>
    <h3>INSERTED AN IMAGE</h3>
    <a href="http://www.dtu.ac.in/" target="_blank">
        <img height="100" width="auto" src="https://upload.wikimedia.org/wikipedia/en/b/b5/DTU%2C_Delhi_official_logo.png" alt="dtu logo">
    </a>
    <br>
    <br>
    <a href="http://www.dtu.ac.in/" target="_blank">click here to visit DTU website</a>
    <h2>SCROLL TO BOTTOM</h2>
    <h4>SAMPLE TEXT TO SHOW SCROLLING</h4>
    <p>
```

```
      Lorem ipsum, dolor sit amet consectetur……. ( long text )
   </p>
        <!-- using javascript to move to top --!>
   <button id="move_to_top">move to top</button>
</body>
<script>
   let element = document.getElementById("move_to_top");
   element.onclick = function() {window.scrollTo(0, 0);}
</script></html>
```

OUTPUT

OBJECTIVE OF PRACTICAL

Insert an image and create a link such that clicking on image takes user to other page. Change the background colour of the page. At the bottom create a link to take user to the top of the page.

INSERTED AN IMAGE

click here to visit DTU website

SCROLL TO BOTTOM

SAMPLE TEXT TO SHOW SCROLLING

Lorem ipsum, dolor sit amet consectetur adipisicing elit. Placeat est ratione at blanditiis dignissimos expedita commodi dolorum dicta veritatis. Alias dolorum facere sapiente laboriosam, repudiandae cumque molestias temporibus earum ut possimus reiciendis quisquam nam fugit, et tempora blanditiis beatae in non eaque? Repellat in voluptates perspiciatis voluptate nobis quis, vel tempora vitae? Illum quis officia laboriosam quae ipsum accusantium libero dolores reiciendis iste amet! Cum provident corrupti iure commodi voluptatem laudantium fugiat corporis dignissimos enim velit hic maxime ad eveniet itaque ullam veniam dolorum, sit mollitia, repellendus facilis eius tempore animi! Tempora, excepturi dicta expedita, labore obcaecati cumque maiores magnam nam at nulla reprehenderit, hic laborum libero alias ipsam harum pariatur similique ea. Laudantium quaerat optio dolor earum ipsum sit, fugiat quae aperiam eligendi adipisci quo in, explicabo animi assumenda accusantium nihil cumque nisi consequuntur totam ratione expedita! Commodi praesentium quibusdam aliquid totam iste, perferendis enim esse. Totam, aperiam. Repellendus voluptate eum autem fugit. Qui, nisi quis totam enim excepturi, explicabo, consectetur tenetur eligendi nulla

EXPERIMENT 4

AIM - Design a single page web site for a university containing a description of the courses offered, it should also contain some general information about the university such as its history, the campus and its unique features the page should be coloured and each section should have a different colour.

CODE **[GITHUB LINK]**

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>EXPERIMENT 4</title>
</head>

<body>
    <h1>Delhi Technological University</h1>
    <a style="position: absolute; top:20px; right:30px;" href="http://www.dtu.ac.in/"><img
height="100" width="100"
src="https://upload.wikimedia.org/wikipedia/en/b/b5/DTU%2C_Delhi_official_logo.png"></a>
    <hr>
    <h2>ABOUT DTU</h2>
    <p>Delhi Technological University (DTU), formerly known as the Delhi College of Engineering
(DCE) is a state university in New Delhi, India. It was established in 1941 as Delhi Polytechnic.
In 1952, it started giving degrees after being affiliated with
        the University of Delhi.</p>
    <h2>HISTORY</h2>
    <p>"75 years of Tradition of excellence in Engineering & Technology Education, Research
and Innovations" Delhi College of Engineering, (initially established with the name – Delhi
Polytechnic) came into existence in the year 1941 to cater the needs of
        Indian industries for trained technical manpower with practical experience and sound
theoretical knowledge. The institution was set up at historic Kashmere Gate campus as a follow
up of the Wood and Abott Committee of 1938. It comprised of a multi
        disciplinary and multi level institution offering wide ranging programmes in engineering,
technology, arts and sculpture, architecture, pharmacy and commerce. The national diploma
awarded by the institution was recognized as equivalent to degree
        level for the purposes of employment.
    </p>
    <img src="https://media.glassdoor.com/l/509269/delhi-technological-
```

```
university-office.jpg" height="auto" width="33%">
    <img src="https://www.fillandfind.com/uploads/institute/Delhi-
Technological-Universitydetail-at-fillandfind-com-20170530155113212487035 2.png"
height="auto" width="30%">
    <img src="https://qph.fs.quoracdn.net/main-qimg-
8f7eb5188a774395933a4ad9d9733fdd" height="auto" width="33%">
</body>
</html>
```

OUTPUT

Delhi Technological University

ABOUT DTU

Delhi Technological University (DTU), formerly known as the Delhi College of Engineering (DCE) is a state university in New Delhi, India. It was established in 1941 as Delhi Polytechnic. In 1952, it started giving degrees after being affiliated with the University of Delhi.

HISTORY

"75 years of Tradition of excellence in Engineering & Technology Education, Research and Innovations" Delhi College of Engineering, (initially established with the name – Delhi Polytechnic) came into existence in the year 1941 to cater the needs of Indian industries for trained technical manpower with practical experience and sound theoretical knowledge. The institution was set up at historic Kashmere Gate campus as a follow up of the Wood and Abott Committee of 1938. It comprised of a multi disciplinary and multi level institution offering wide ranging programmes in engineering, technology, arts and sculpture, architecture, pharmacy and commerce. The national diploma awarded by the institution was recognized as equivalent to degree level for the purposes of employment.



EXPERIMENT 5

AIM - Design page that has 5 equal columns the table should look the same in all screen resolution.

CODE **[GITHUB LINK]**

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>EXPERIMENT 5</title>
</head>
<style>
    td {
        width: 20%;
        border: solid 1px #ccc;
    }
</style>

<body>
    <h3>Aim of the Practical</h3>
    <p>Design page that has 5 equal columns the table should look the same in all screen
resolution.</p>
    <table style="width: 100%">
        <thead>
            <td>COLUMN 1</td>
            <td>COLUMN 2</td>
            <td>COLUMN 3</td>
            <td>COLUMN 4</td>
            <td>COLUMN 5</td>
        </thead>
        <tbody>
            <tr>
                <td> DATA</td>
                <td> DATA</td>
                <td> DATA</td>
                <td> DATA</td>
                <td> DATA</td>
            </tr>
```

```
            <tr>
                <td> DATA</td>
                <td> DATA</td>
                <td> DATA</td>
                <td> DATA</td>
                <td> DATA</td>
            </tr>
        </tbody>
    </table>
</body>

</html>
```

OUTPUT

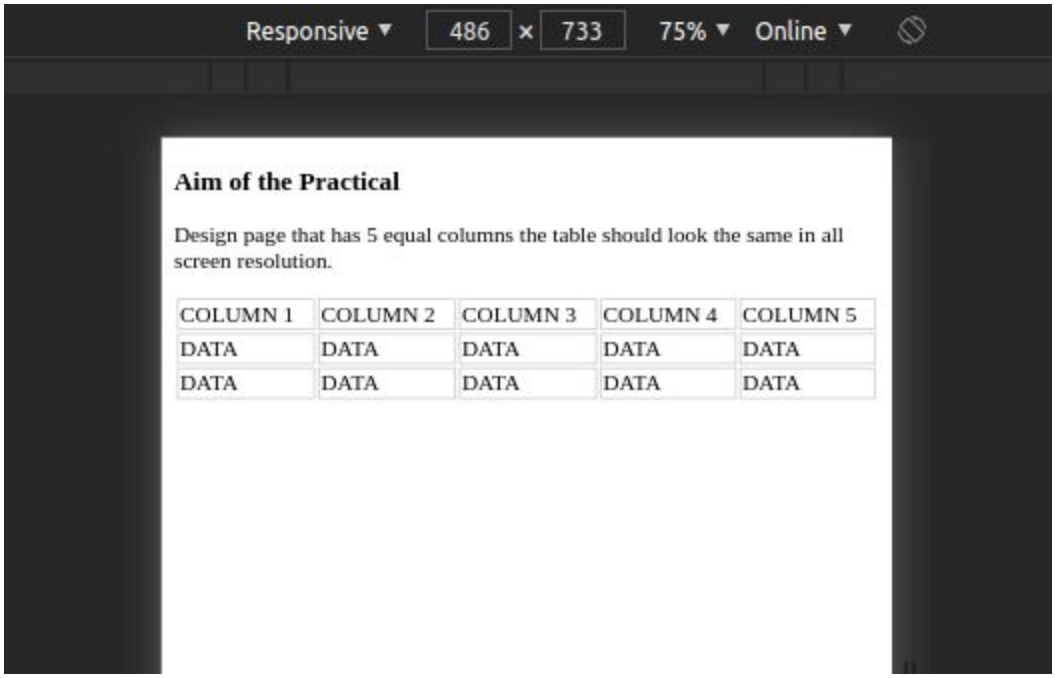
Desktop Screen

Aim of the Practical

Design page that has 5 equal columns the table should look the same in all screen resolution.

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5
DATA	DATA	DATA	DATA	DATA
DATA	DATA	DATA	DATA	DATA

MOBILE SCREEN



EXPERIMENT 6

AIM - Write a HTML code for making table to containing different option for different questions:

CODE [GITHUB LINK]

```
        <!DOCTYPE html>
<html lang="en">

<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>EXPERIMENT 6</title>
</head>

<body>
   <table>
      <thead>
         <th>Serial No.</th>
         <th>QUESTION</th>
      </thead>
      <tbody>
         <tr>
            <td>1</td>
            <td>What is you name?</td>
         </tr>
         <tr>
            <td>2</td>
            <td>What is you college name?</td>
         </tr>
         <tr>
            <td>3</td>
            <td>What is you school name?</td>
         </tr>
         <tr>
            <td>4</td>
            <td>What is you father's name?</td>
         </tr>
         <tr>
            <td>5</td>
            <td>What is you mother's name?</td>
```

```
            </tr>
        </tbody>
    </table>
</body>
</html>
```

OUTPUT

Serial No.	QUESTION
1	What is you name?
2	What is you college name?
3	What is you school name?
4	What is you father's name?
5	What is you mother's name?

EXPERIMENT 7

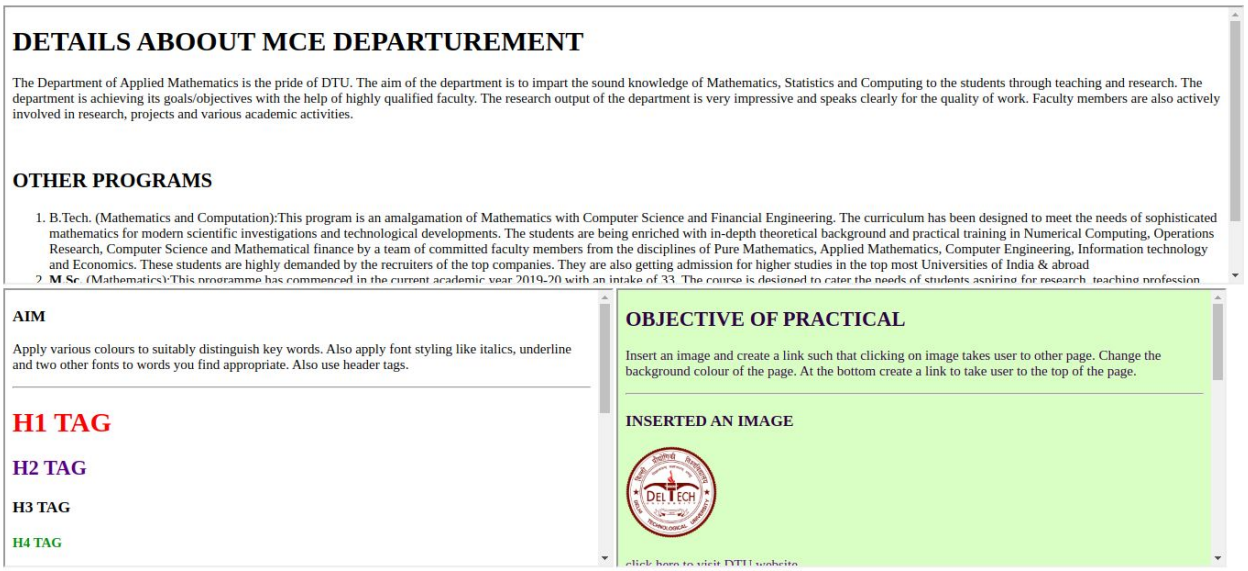
AIM - Write the Frameset tags and Frame tags

CODE

[GITHUB LINK]

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>EXPERIMENT 7</title>
</head>
<body>
    <frameset>
        <iframe style="height: 300px; width: 100%" src="./1.html"></iframe>
        <iframe style="height: 300px; width: 49%" src="./2.html"></iframe>
        <iframe style="height: 300px; width: 49%" src="./3.html"></iframe>
    </frameset>
</body>
</html>
```

OUTPUT



EXPERIMENT 8

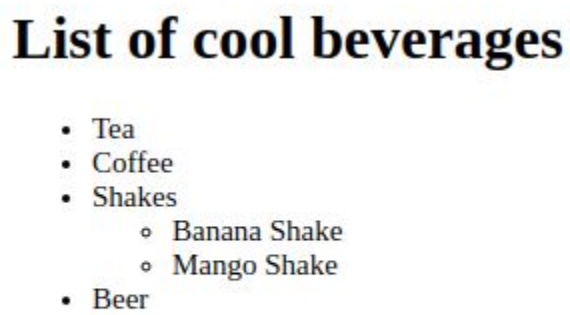
AIM - Write HTML code to generate output given

CODE

[GITHUB LINK]

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>EXPERIMENT 8</title>
</head>
<body>
    <h1>List of cool beverages</h1>
    <ul>
        <li>Tea</li>
        <li>Coffee</li>
        <li>Shakes</li>
        <ul>
            <li>Banana Shake</li>
            <li>Mango Shake</li>
        </ul>
        <li>Beer</li>
    </ul>
</body>
</html>
```

OUTPUT

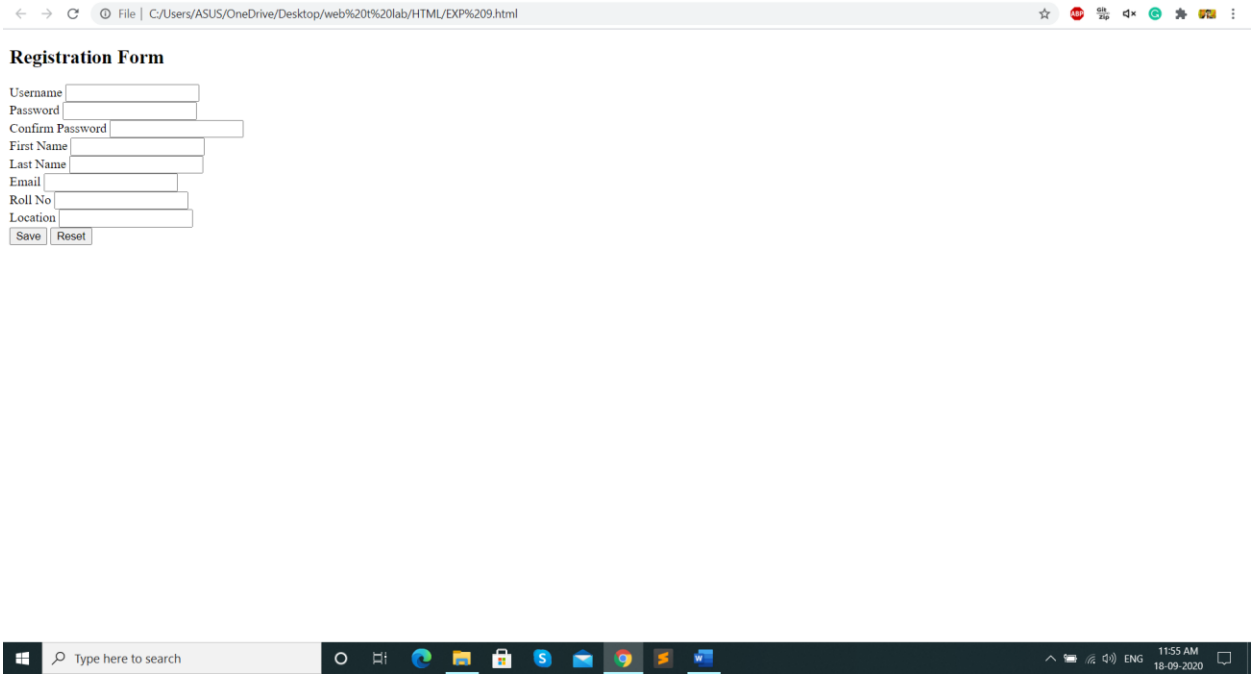


Experiment 9

```
<!DOCTYPE html>
<html>
<HEAD>
  <style>
    label{
      text-align: left;
    }
  </style>
<body>

<form>
<h2>Registration Form</h2>
  <label for="uname">Username</label>
  <input type="text" id="uname" ><br>

  <label for="psw">Password</label>
  <input type="text" id="psw"><br>

  <label for="cnfpsw">Confirm Password</label>
  <input type="text" id="cnfpsw"><br>

  <label for="fname">First Name</label>
  <input type="text" id="fname"><br>

  <label for="lname">Last Name</label>
```

```
  <input type="text" id="lname"><br>

  <label for="email">Email</label>
  <input type="text" id="email"><br>

  <label for="rollno">Roll No</label>
  <input type="text" id="rollno"><br>

  <label for="location">Location</label>
  <input type="text" id="location"><br>

  <input type="submit" value="Save">
  <input type="submit" value="Reset">

</form>

</body>
</html>
```

OUTPUT:-


File | C:/Users/ASUS/OneDrive/Desktop/web%20t%20lab/HTML/EXP%209.html
Registration Form
Username
Password
Confirm Password
First Name
Last Name
Email
Roll No
Location
Save
Reset
Type here to search
ENG
11:55 AM
18-09-2020

EXPERIMENT 10

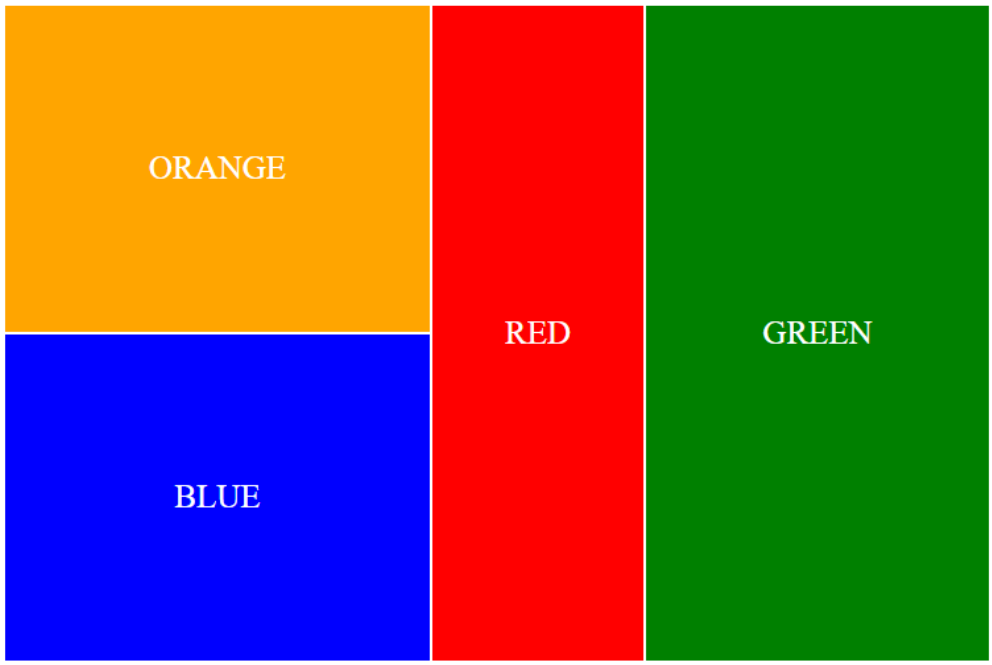
AIM:

Write a HTML code to generate following output: Orange, Red, Blue and Green Table Row and Column Span

HTML CODE:

```
<!doctype html>
<html lang="en">

<head>
  <meta charset="utf-8">

  <title>EXP 10</title>
</head>

<body>
  <table style="height:400px;width:600px;text-align:center;color:white;font-size:20px;">
    <tr>
      <td style="background-color:orange;">ORANGE</td>
      <td rowspan="2" style="background-color:red;">RED</td>
      <td rowspan="2" style="background-color:green;">GREEN</td>
    </tr>
    <tr>
      <td style="background-color:blue;">BLUE</td>
    </tr>
  </table>

</body>
</html>
```

OUTPUT:



EXPERIMENT 11

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Document</title>
   <style>
                        .center {
         display: block;
         margin-left: auto;
         margin-right: auto;
      }

      #c1{
         font-family: fantasy;
      }

      #c2{
         font-family: Arial, Helvetica, sans-serif;
      }

      #c3{
         font-family: 'Times New Roman', Times, serif;
      }

      #c4{
         font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
      }

      #c5{
```

```
        font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    }

    #c6{
        font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
    }

</style>

</head>
<body style="background-color:azure;">

  <a href="http://www.dtu.ac.in/"><img src="../logo.png" alt="DTU Logo"
style="width:150px;height:150px;" class="center"></a>

  <h1 style="text-align:center"><u>Delhi Technological University </u> </h1>

  <h3 style="text-align:center;font-family: sans-serif;"><i>Shahbad Daulatpur, Main Bawana Road,
Delhi-110042. India</i></h2>

    <marquee behavior="scroll" direction="left">Formerly Known as Delhi College Of
Engineering</marquee>
  <ul >

      <li style="color:brown"> <h2>History</h2>
        <p>
          Delhi Technological University, formerly known as the Delhi College of Engineering is a state
university in New Delhi, India. It was established in <b>1941</b>  as Delhi Polytechnic, making it the
first technical school in Delhi. In 1952, it started giving formal degrees after being affiliated with the
University of Delhi.
        </p>
      </li>
```

<li style="color:darkslateblue"> <h2>Campus</h2>

Delhi Technological University (Delhi College of Engineering) operated from the <u>Kashmiri Gate campus</u> in the heart of Old Delhi until 1989, when construction began at the New Campus at Bawana Road in May. Moving of operations from Kashmiri Gate to the new 164 acres at Bawana Road began in 1995, and the new campus formally started classes for all four years of study starting 1999.

The new DTU campus is well connected by road. Facilities include a library, a computer center, a sports complex, eight boys' hostels, six girls' hostels, and a married couples' hostel. The campus has residential facilities for faculty and staff. The campus has an auditorium and two open-air theatres out of which one is called the OAT (Open-air Theatre) and the other is called the Mini OAT (Mini open-air theatre).

<li style="color: brown;"> <h2> Descriptions of the courses offered: </h2>

<pre>
<u>Courses</u> <u>Fees</u> <u>Eligibility</u>

<li id ="c1">B.Tech : ₹1.66 Lakhs (1st Year Fees) 10+2 + JEE Main

<li id ="c2">BBA : ₹82,000 (1st Year Fees) 10+2

<li id ="c3">B.Des : ₹1.66 Lakhs (1st Year Fees) 10+2

<li id ="c4">B.Tech (Lateral) : ₹1.66 Lakhs (1st Year Fees) 10+3 + JEE Main

<li id ="c5">MBA : ₹1.66 Lakhs (1st Year Fees) Graduation + CAT

<li id ="c6">M.Tech : ₹1.66 Lakhs (1st Year Fees) Pass in Graduation + GATE

<li id ="c7">B.A (Hons) : ₹82,000 (1st Year Fees) 10+2

</pre>

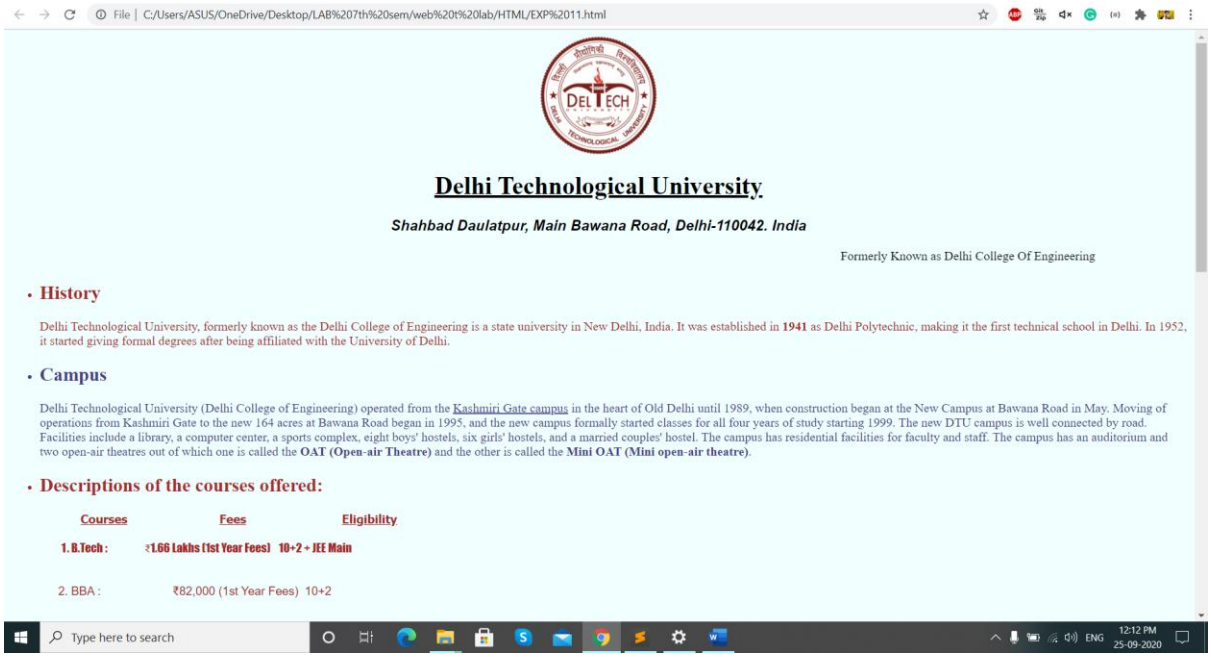
<li style="color:darkslateblue"><h2>About The Computer Science Department</h2>

The quality of life has improved significantly with advent of computers. PC, Laptop, Internet and Teleconference have become household commodities. Hence the career prospects young generation are bright in the various field of computer including <u>networking, software engineering, web designing</u>. Multimedia, data mining etc. Department has developed state-of-the-art laboratories in the various fields of computer engineering-Computer Architecture Lab, Network Lab, Web Designing Lab, Image processing and Multimedia Lab, Database management and Data Mining Lab, Computation and programming Lab, Operating System Lab, Artificial Intelligence Lab, Software Design Lab, Software Testing Lab. These labs are equipped with latest configuration PCs and are completely networked with latest software.

The curriculum in computer science & engineering lays greater emphasis on design principles and development of system software for operating systems, Database management systems, data mining, computer graphics and networks. In addition to this requirement engineering, software testing, software packages and CASE tools which are the need of the day are integral part of the course curriculum. Miniaturizing in Computer technology, audio -video, and image processing, storage and retrieval, data processing, communication and Nano-technology etc. are going to affect the computer knowledge in the coming decades. The curriculum in the Department of computer science & engineering has been recently revised and state of art subjects such as Advance computer Networks, bio Informatics, Grid and Cluster Computing, Data Compression, Natural language Processing etc. have been include as electives. The revised curriculum lays emphasis on nurturing the talent of students for top industries across the Globe, for pursuing higher studies and R&D; work in national and international universities.Students are trained by covering state of art topics in the industrial training, minor project and open area seminars.


```
</ul>


<div>

<img src="https://media.glassdoor.com/l/509269/delhi-technological-university-office.jpg" height="500" width="485" alt = "DTU Campus">

<img src="https://www.fillandfind.com/uploads/institute/Delhi-Technological-Universitydetail-at-fillandfind-com-20170530155511321248703 52.png" height="500" width="485" alt = "DTU Campus">

<img src="https://qph.fs.quoracdn.net/main-qimg-8f7eb5188a774395933a4ad9d9733fdd" height="500" width="485" alt = "DTU Campus">

</div>


<div><a href="#"><button>Click here to go to top</button></a></div>




</body>

</html>
```

OUTPUT:



File | C:/Users/ASUS/OneDrive/Desktop/LAB%207th%20sem/web%20t%20lab/HTML/EXP%2011.html

4. B.Tech (Lateral) : ₹1.66 Lakhs (1st Year Fees) 10+3 + JEE Main

5. MBA : ₹1.66 Lakhs (1st Year Fees) Graduation + CAT

6. M.Tech : ₹1.66 Lakhs (1st Year Fees) Pass in Graduation + GATE

7. B.A (Hons) : ₹82,000 (1st Year Fees) 10+2

• About The Computer Science Department

The quality of life has improved significantly with advent of computers. **PC, Laptop, Internet and Teleconference** have become household commodities. Hence the career prospects young generation are bright in the various field of computer including networking, software engineering, web designing. Multimedia, data mining etc. Department has developed state-of-the-art laboratories in the various fields of computer engineering-Computer Architecture Lab, Network Lab, Web Designing Lab, Image processing and Multimedia Lab, Database management and Data Mining Lab, Computation and programming Lab, Operating System Lab, Artificial Intelligence Lab, Software Design Lab, Software Testing Lab. These labs are equipped with latest configuration PCs and are completely networked with latest software.

The curriculum in computer science & engineering lays greater emphasis on design principles and development of system software for operating systems, Database management systems, data mining, computer graphics and networks. In addition to this **requirement engineering, software testing, software packages and CASE tools** which are the need of the day are integral part of the course curriculum. Miniaturizing in Computer technology, audio -video, and image processing, storage and retrieval, data processing, communication and Nano-technology etc. are going to affect the computer knowledge in the coming decades. The curriculum in the Department of computer science & engineering has been recently revised and state of art subjects such as Advance computer Networks, bio Informatics, Grid and Cluster Computing, Data Compression, Natural language Processing etc. have been include as electives. The revised curriculum lays emphasis on nurturing the talent of students for top industries across the Globe, for pursuing higher studies and R&D; work in national and international universities.Students are trained by covering state of art topics in the industrial training, minor project and open area seminars.



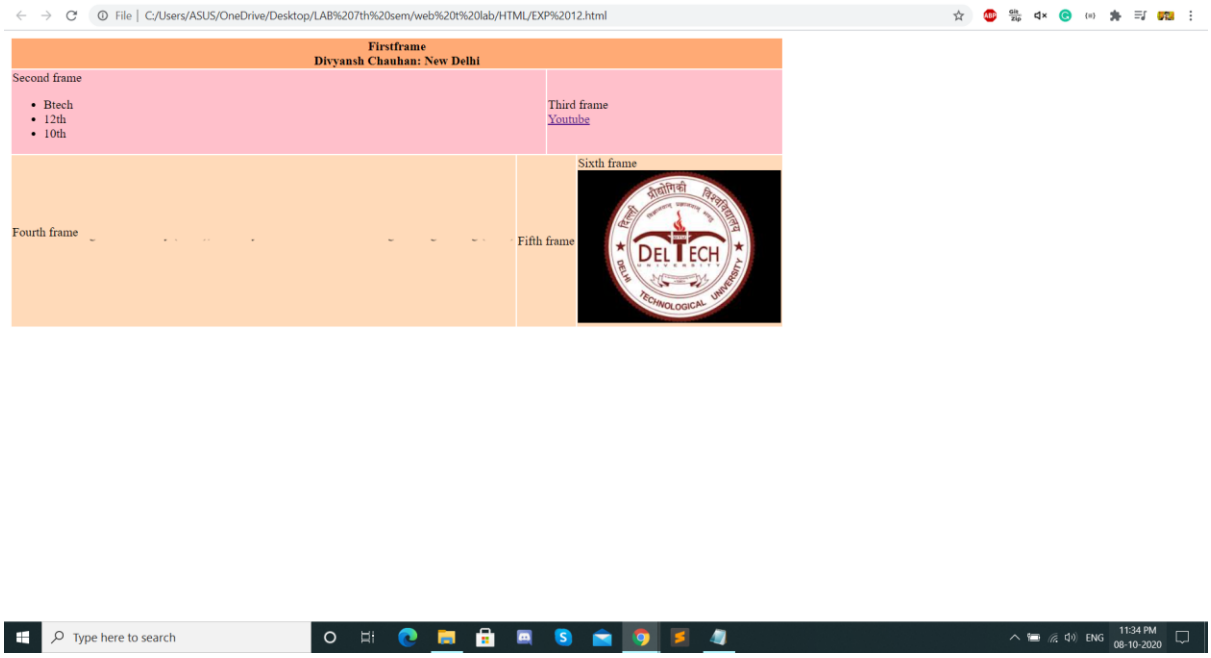
Type here to search

ENG 12:13 PM 25-09-2020

EXPERIMENT 12

```
<!DOCTYPE html>
<html>
<body>
<table>
 <tr style="background-color: #ffaa75">
  <th colspan="6">       Firstframe <br>Divyansh Chauhan: New Delhi</th>
 </tr>
 <tr  style="background-color: #FFC0CB">
  <td colspan="3">Second frame<br> <ul>
 <li>Btech</li>
 <li>12th</li>
 <li>10th</li>
</ul></td>
  <td colspan="3">Third frame<br><a href="https://www.youtube.com/">Youtube</a></td>
 </tr>
 <tr  style="background-color: #ffdab9">
  <td  colspan="2">Fourth frame<br>
<marquee behavior="scroll" direction="up">Delhi Technological University (DTU), formerly known as the Delhi College of Engineering (DCE) </marquee>
          <br></td>
  <td  colspan="2">Fifth frame<br></td>
  <td  colspan="2">Sixth frame<br>
<img  src="https://encrypted-tbn0.gstatic.com/images?q=tbn%3AANd9GcTlPwNBUOfa2iSABw7WfpVTIEY4hG_2fo9eGQ&usqp=CAU"></td>
 </tr>

</table>

</body>
</html
```

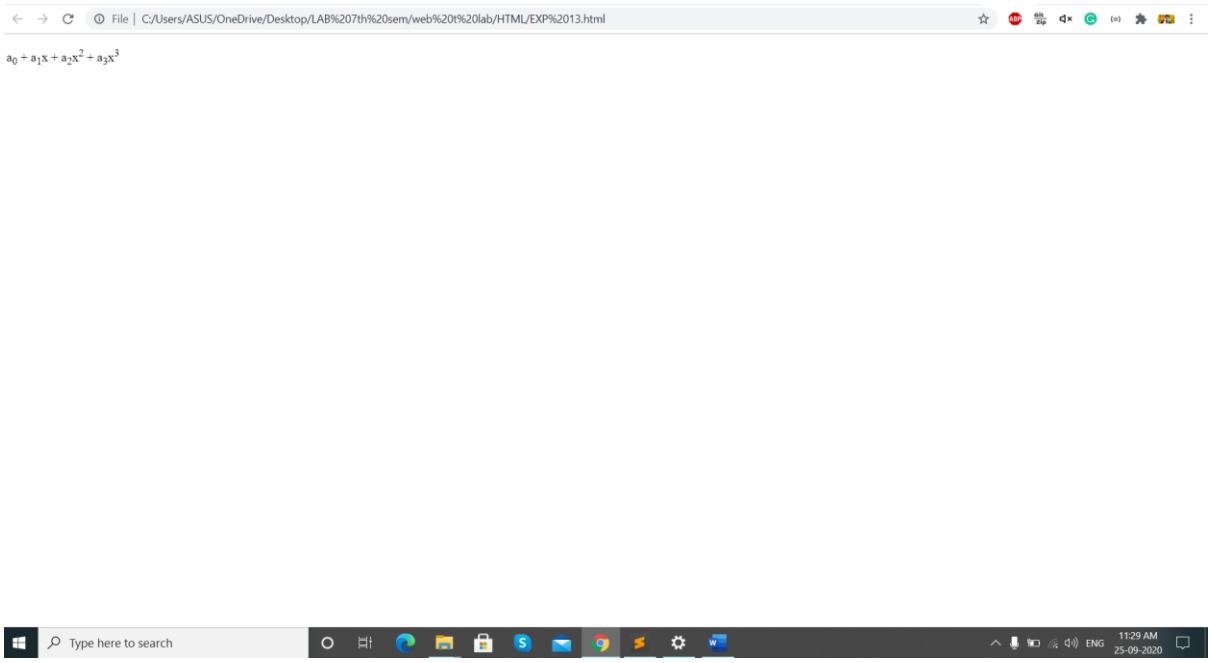
OUTPUT:


File | C:/Users/ASUS/OneDrive/Desktop/LAB%207th%20sem/web%20t%20lab/HTML/EXP%2012.html
Firstframe
Divyansh Chauhan: New Delhi
Second frame
Btech
12th
10th
Third frame
Youtube
Fourth frame
Fifth frame
Sixth frame
DELTECH
DELHI TECHNOLOGICAL UNIVERSITY
Type here to search
ENG
11:34 PM
08-10-2020

EXPERIMENT 13

```
<!DOCTYPE html>

<html>

<head>

        <title>Experiment 13</title>

</head>

<body>

                <p>a<sub>0</sub> + a<sub>1</sub>x + a<sub>2</sub>x<sup>2</sup> +
a<sub>3</sub>x<sup>3</sup></p>

</body>

</html>
```

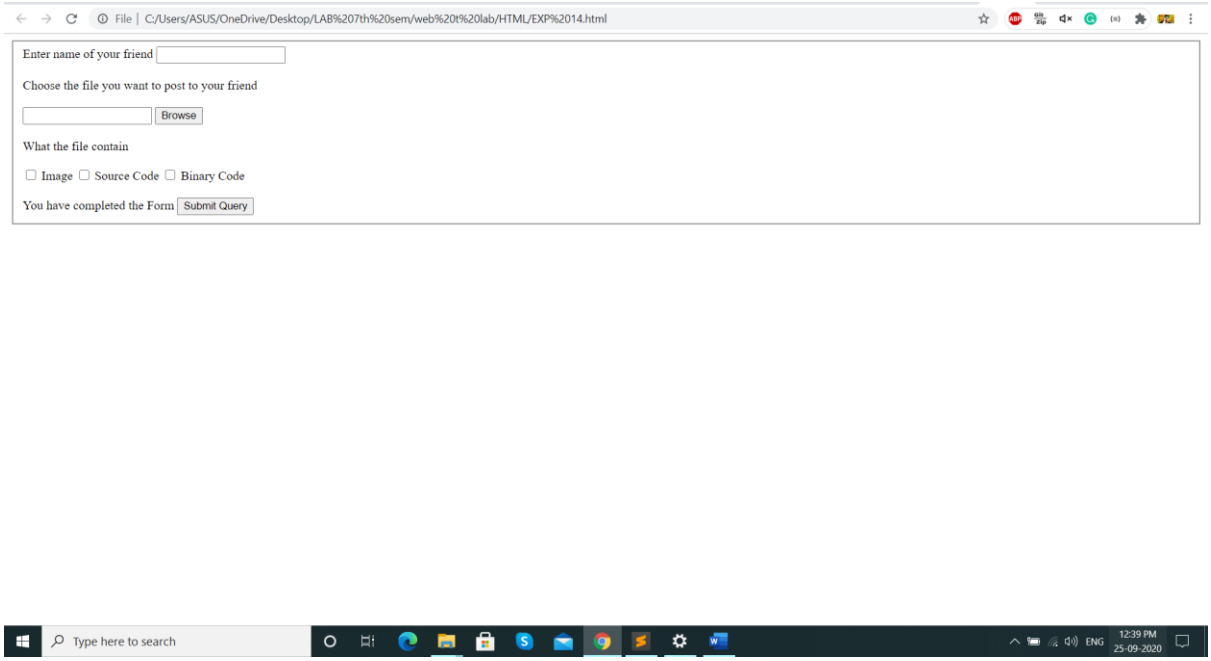
OUTPUT:



EXPERIMENT 14

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>form</title>
  </head>
  <body>
    <form action="">
     <fieldset>
       <label>Enter name of your friend</label>
       <input type="text"><br><br>
       <label>Choose the file you want to post to your friend</label><br><br>
       <input type="text">
       <input type="button" value="Browse"><br><br>
       <label>What the file contain</label><br><br>
       <input type="checkbox">
       <label>Image</label>
       <input type="checkbox">
       <label>Source Code</label>
       <input type="checkbox">
       <label>Binary Code</label><br><br>
       <label>You have completed the Form</label>
       <input type="button" value="Submit Query">
     </fieldset>
    </form>
  </body>
</html>
```

OUTPUT:

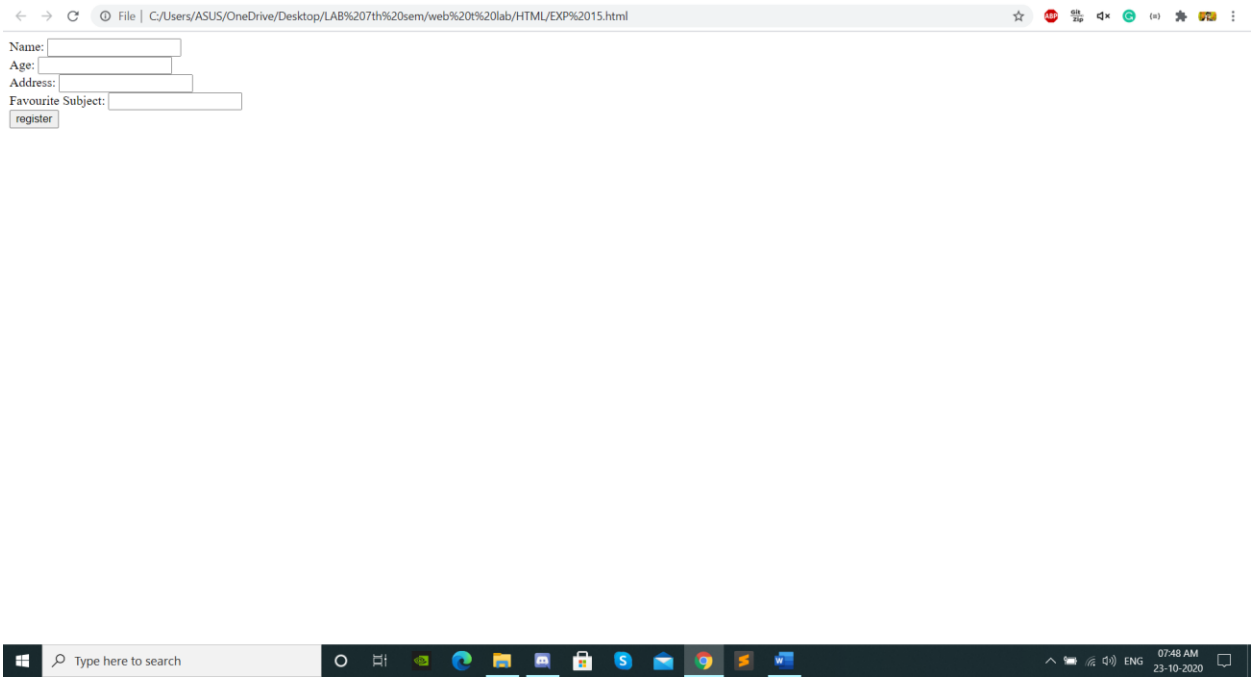

File | C:/Users/ASUS/OneDrive/Desktop/LAB%207th%20sem/web%20t%20lab/HTML/EXP%2014.html
Enter name of your friend
Choose the file you want to post to your friend
Browse
What the file contain
Image
Source Code
Binary Code
You have completed the Form
Submit Query
Type here to search
ENG
12:39 PM
25-09-2020

Experiment 15

```
<!DOCTYPE html>
<html>
<head>
        <title>Form Validation</title>
</head>

<script>
function validateform(){
var name=document.myform.name.value;
var age=document.myform.age.value;

if (name==null || name==""){
  alert("Name can't be blank");
  return false;
}else if(age<0 || age>150){
  alert("Age is invalid");
  return false;
  }
}
</script>
<body>

<form name="myform" method="post" action="action.jsp" onsubmit="return validateform()" >
```

```
        Name: <input type="text" name="name"><br/>
        Age: <input type="text" name="age"><br/>
        Address: <input type="text" name="address"><br/>
        Favourite Subject: <input type="text" name="subject"><br/>
        <input type="submit" value="register">
</body>
</html>
```

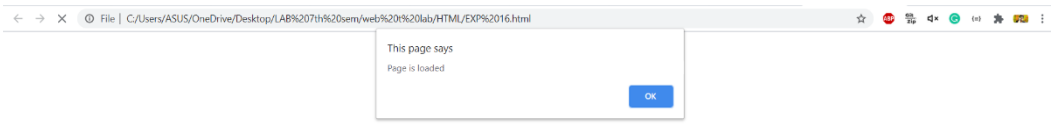
OUTPUT:-

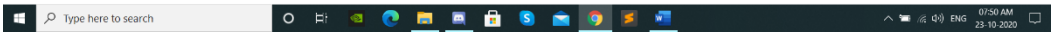


Experiment 16

```
<!DOCTYPE html>

<html>

<body onload="myFunction()">


<h1>Hello World!</h1>


<script>

function myFunction() {

  alert("Page is loaded");

}

</script>


</body>

</html>
```

OUTPUT:-

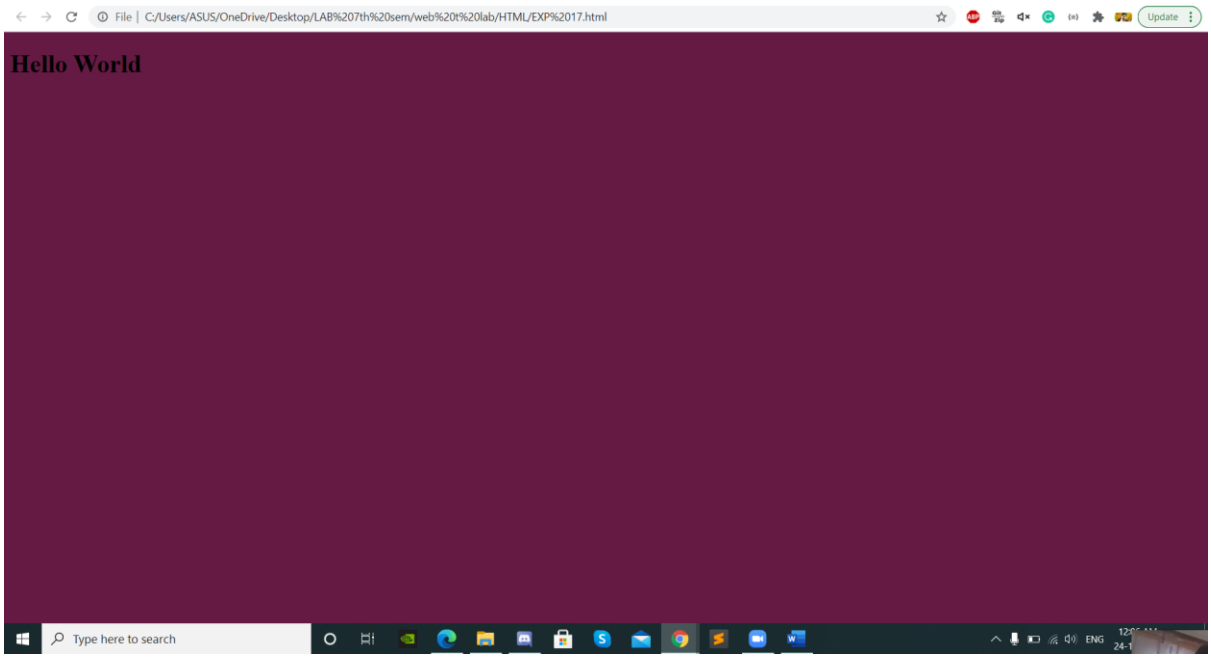




EXPERIMENT 17

```
<!DOCTYPE html>
<html>
        <head>
        <title>EXP17</title>
        </head>
 <body>
   <h1>Hello World</h1>
        <script>

        onload=function(){setTimeout(function(){document.body.style.backgroundColor="#"+Math.
round(Math.random()*16777215).toString(16);},5000);};
        </script>
        </body>
</html>
```

OUTPUT:

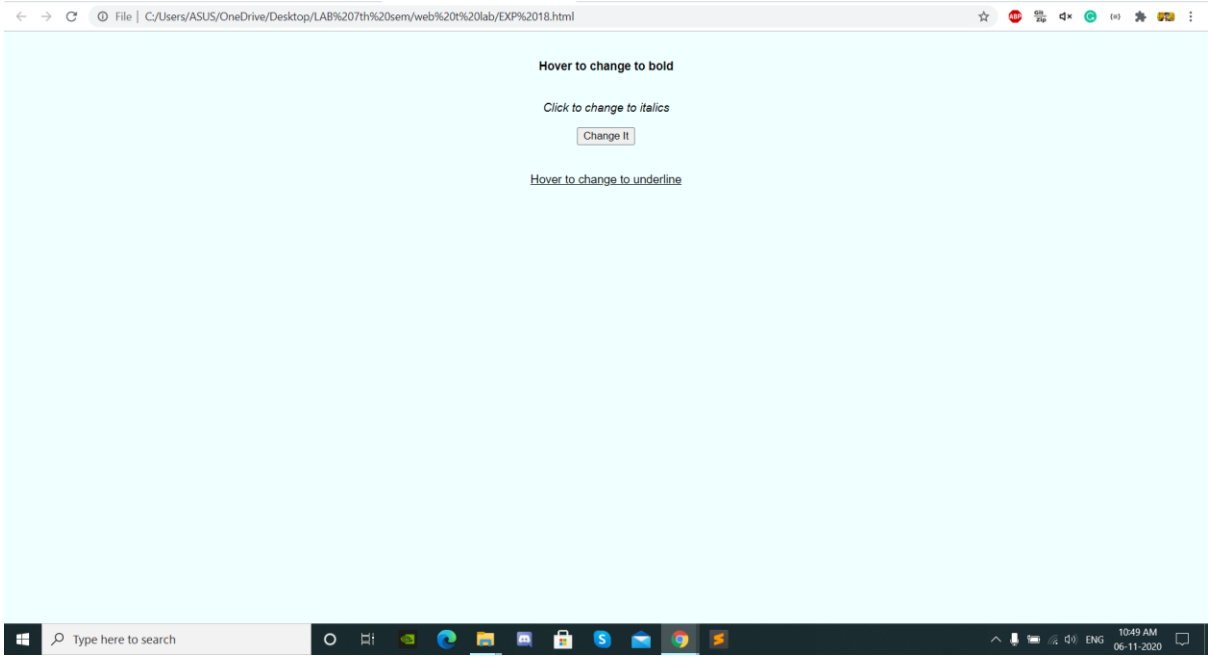


EXPERIMENT 18

```
<!DOCTYPE html>
<html>
<head>
	<title>
	</title>
	<script>
		function ChangeFont(size){
			document.getElementById("text2").style.fontFamily="Arial";
			document.getElementById("text2").style.fontWeight="bold";
			document.getElementById("text2").style.fontSize=size;
		}
		function ChangeFont2(size){
			document.getElementById("text3").style.fontFamily="Arial";
			document.getElementById("text3").style.fontStyle="italic";
			document.getElementById("text3").style.fontSize=size;
		}
		function ChangeFont3(size){
			document.getElementById("text4").style.fontFamily="Arial";
			document.getElementById("text4").style.textDecoration = "underline";
			document.getElementById("text4").style.fontSize=size;
		}
	</script>
</head>
<body style="background-color: azure">
	<div align="center">
		<p><br><span style="font-family: Times New Roman; font-size: 16px;" id="text2"
onmouseover="ChangeFont('15px');">Hover to change to bold </span></p>

	</div>
	<div align="center">
```

```
<p><br><span style="font-family: Times New Roman; font-size: 16px;"
id="text3">Click to change to italics </span></p>

<input type="button" value="Change It" onClick="ChangeFont2('15px');">

</div>

<div align="center">

<p><br><span style="font-family: Times New Roman; font-size: 16px;" id="text4"
onmouseover ="ChangeFont3('15px');">Hover to change to underline </span></p>

</div>

</body>

</html>
```

OUTPUT:

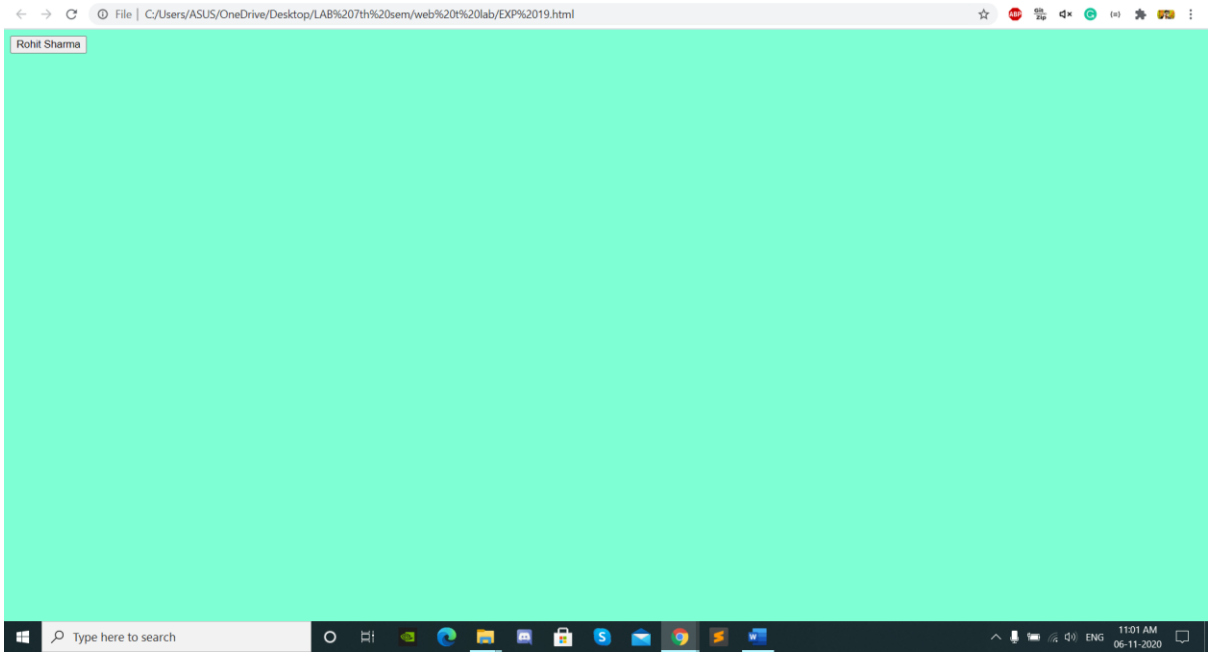


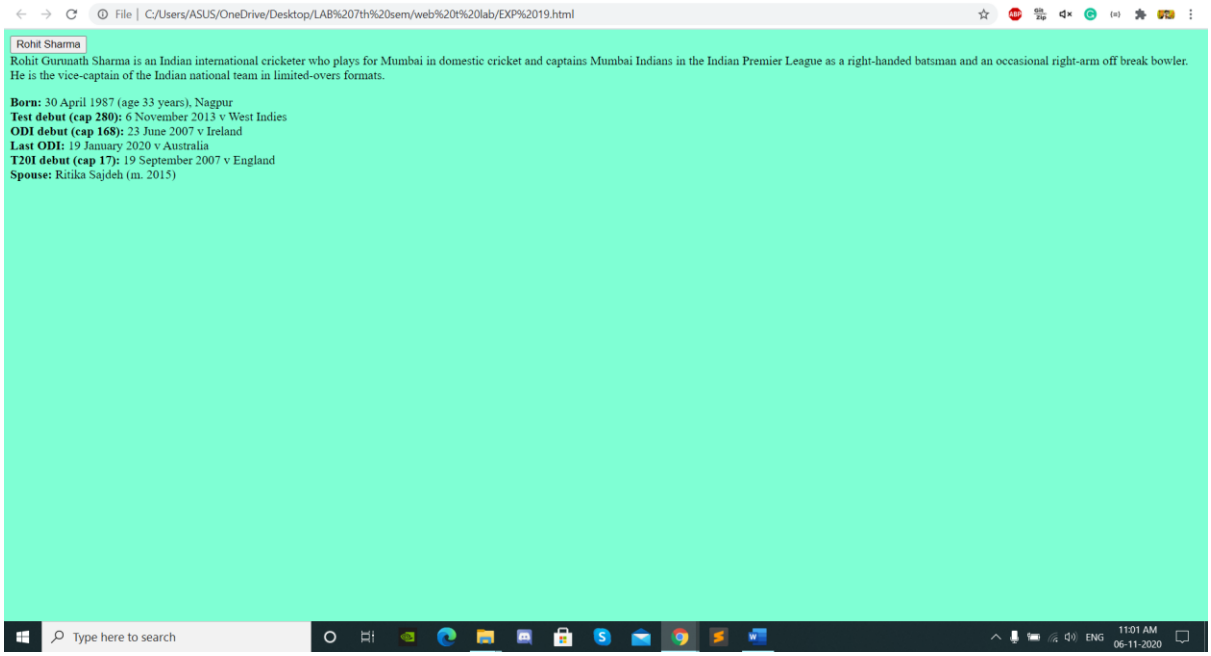
EXPERIMENT 19

```
<html>
<head>
   <title>
      Experiment 19
   </title>
   <script>
      function show() {
         var x = document.getElementById("myDIV");
         if (x.style.display === "none") {
            x.style.display = "block";
         } else {
            x.style.display = "none";
         }
      }
   </script>
</head>

<body style="background-color:aquamarine;">
   <button onclick="show()">Rohit Sharma</button>

   <div id="myDIV" style="display: none;">
      <p style="margin: auto;">
         Rohit Gurunath Sharma is an Indian international cricketer who plays for Mumbai in domestic cricket and captains Mumbai Indians in the Indian Premier League as a right-handed batsman and an occasional right-arm off break bowler. He is the vice-captain
         of the Indian national team in limited-overs formats.</p>
      <p>
         <b>Born:</b> 30 April 1987 (age 33 years), Nagpur <br/><b>Test debut (cap 280):</b> 6 November 2013 v West Indies<br/> <b>ODI debut (cap 168):</b> 23 June 2007 v Ireland<br/> <b>Last ODI:</b> 19 January 2020 v Australia<br/><b> T20I debut (cap 17):</b> 19 September 2007 v England
         <br/><b>Spouse:</b> Ritika Sajdeh (m. 2015)<br/>
```

```
    </p>
  </div>
</body>


</html>
```

OUTPUT:





EXPERIMENT 20

```
<!DOCTYPE html>
<html>

<head>
   <title>
      Experiment 20
   </title>

   <script type="text/javascript">
      function checkText() {
         var value = document.getElementById("textToCheck").value;
         value = Number(value);
         if (isFinite(value))
            document.getElementById("result").innerHTML = "NOT A STRING";
         else
            document.getElementById("result").innerHTML = "IT'S A STRING";
      }
   </script>
</head>

<body style="background:cyan;">
   <div style="text-align: center;">
      <br /><br /><br /><br />
      <label>Enter Text: </label>
      <input type="text" style="height: 50px; width: 400px;" id="textToCheck" style="font-size:
18px;"></textarea>
      <br /><br />
      <input type="button" value="Check" onclick="checkText()" />
      <p id="result">Enter Text in the Text Box Above</p>
   </div>
```

</body>

</html

OUTPUT: