1.Create a Simple Admission Form for University admission.

<!DOCTYPE html>

</head>

<meta charset="utf-8">

<body bgcolor="linen" >

<div class="container">

<div class="form\_container">

<h1>UNIVERSITY ADMISSION FORM </h1>

<h3>Student's detail</h3>

<div class="label\_container">

<label>Students's Name\* </label>

<input type="text" placeholder="Full name" name="fname" required>

</div>

<BR>

<div class="label\_container">

<label>Gender</label>

<div>

<input type="radio" name="Gender" value="Male">Male

<input type="radio" name="Gender" value="Female">Female

</div>

</div>

<BR>

<div class="label\_container">

<label>Email\* </label>

<input type="text" name="email" required>

</div>

<BR>

<div class="label\_container">

<label>Contact number\* </label>

<input type="number" name="pn" required>

</div>

<BR>

<div class="label\_container">

<label>Date-Of-Birth\* </label>

<input type="date" name="DOB" required>

</div>

<BR>

<div class="label\_container">

<label>Adhaar Card number\*</label>

<input type="number" name="card\_number" required>

</div>

<BR>

<div class="label\_container">

<label>Address\* </label>

<input type="text" name="Parmanent\_address" required>

</div>

<BR>

<h3>Parent's Details </h3>

<BR>

<div class="label\_container">

<label>Father's Name\* </label>

<input type="text" placeholder="Full name" name="ffname" required>

</div>

<BR>

<div class="label\_container">

<label>Mother's Name\* </label>

<input type="text" placeholder="Full name" name="mfname" required>

</div>

<BR>

<div class="label\_container">

<label>Parent's contact </label>

<input type="number" name="ppn">

</div>

<BR>

<div class="label\_container">

<label>Father's Occupation </label>

<input type="text" name="foccupation">

</div>

<BR>

<div class="label\_container">

<label>Mother's Occupation </label>

<input type="text" name="moccupation">

</div>

<BR>

<h3>Educational Details </h3>

<h4>10th Board\*</h4>

<div class="label\_container">

<input type="text" placeholder="School name" name="school" required>

<select name="board" id="board">

<option value="">Board</option>

<option value="ICSE">ICSE</option>

<option value="CBSE">CBSE</option>

</select>

<select name="stream" id="stream" required>

<option value="">Stream</option>

<option value="Science with Computer">Science with Computer</option>

<option value="Science with Physical Education">Science with Physical Education</option>

<option value="Commerce with Computer">Commerce with Computer</option>

<option value="Commerce with Pysical Education">Commerce with Pysical Education</option>

</select>

</div>

<BR>

<div class="label\_container">

<label>Passing Year</label>

<input type="number" name="passout\_Year\_10">

</div>

<BR>

<div class="label\_container">

<label>Percentage </label>

<input type="number" placeholder="Percentage %" name="per" required>

</div>

<h4>12th Board\*</h4>

<div class="label\_container">

<input type="text" placeholder="school name" name="12School" required>

<select name="board2" id="board2">

<option>Board</option>

<option value="ISC">ISC</option>

<option value="CBSE">CBSE</option>

</select>

</div>

<BR>

<div class="label\_container">

<select name="stream2" id="stream2">

<option>Stream</option>

<option value="PCM with Computer">PCM with Computer</option>

<option value="PCM with Physical Education">PCM with Physical Education</option>

<option value="PCB with computer">PCB with computer</option>

<option value="PCB with Physical Education">PCB with Physical Education</option>

<option value="PCB with Physical Education">PCB with Physical Education</option>

<option value="Commerce with Computer">Commerce with Computer</option>

<Option value="Commerce with Physical Education">Commerce with Physical Education</Option>

</select>

</div>

<BR>

<div class="label\_container">

<label>Passing Year</label>

<input type="number" name="passout\_Year\_12">

</div>

<BR>

<div class="label\_container">

<label>Percentage </label>

<input type="number" placeholder="Percentage %" name="12per" required>

</div>

<BR>

<h3>Apply for course</h3>

<div class="label\_container">

<label>Course\* </label>

<select name="course" id="course" required>

<option value="">Select</option>

<option value="Bachelor's Of Computer Application (BCA)">Bachelor's Of Computer Application (BCA)</option>

<option value="Btech">Btech</option>

<option value="Master's of Computer Application (MCA)">Master's of Computer Application (MCA)</option>

<option value="Mtech">Mtech</option>

</select>

</div>

<BR>

<div class="label\_container">

<label>Branch\* </label>

<select name="branch" id="branch" required>

<option value="">Select</option>

<option value="civil Engineering">civil Engineering</option>

<option value="Computer Science">Computer Science</option>

<option value="Mechanical Engineering">Mechanical Engineering</option>

</select>

</div>

<BR>

<div class="form\_btn">

<button type='submit' name="Next\_btn"><b>SUBMIT</button>

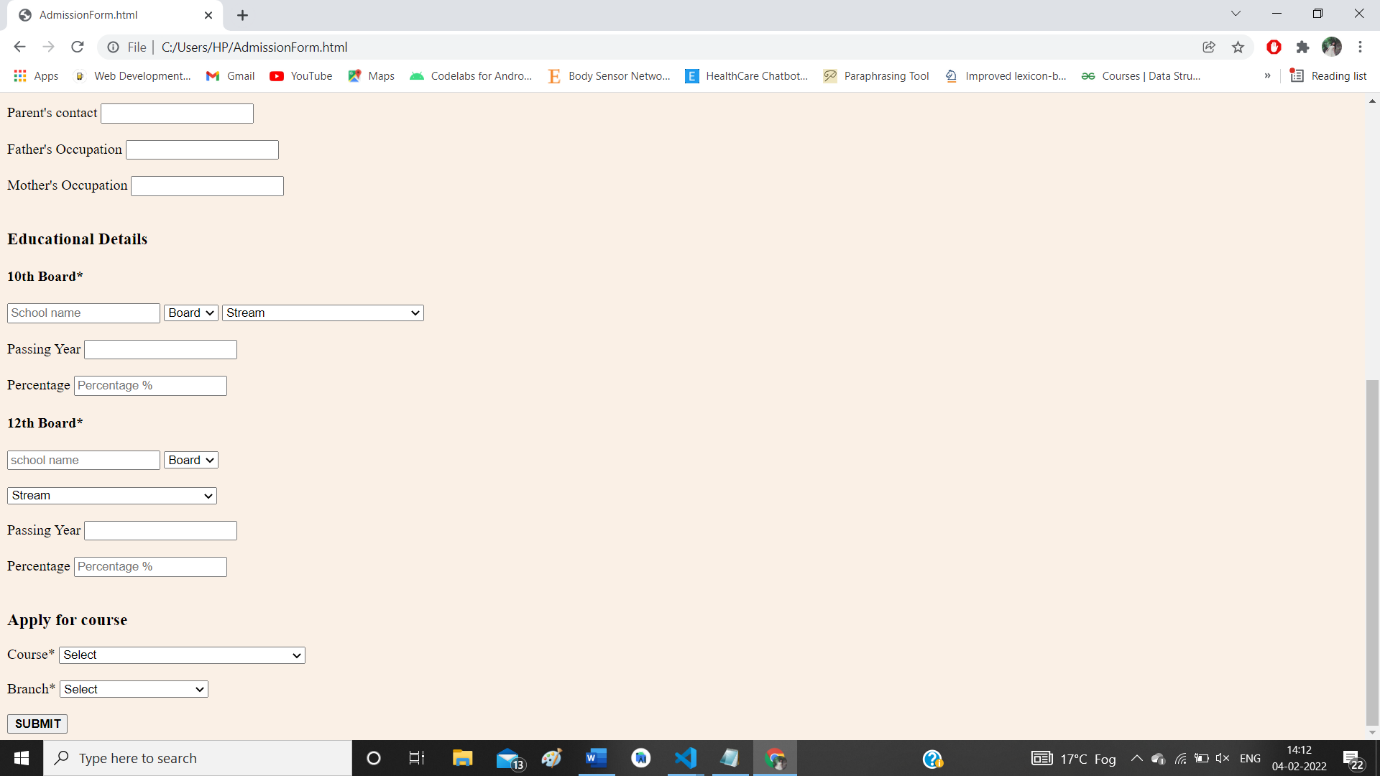
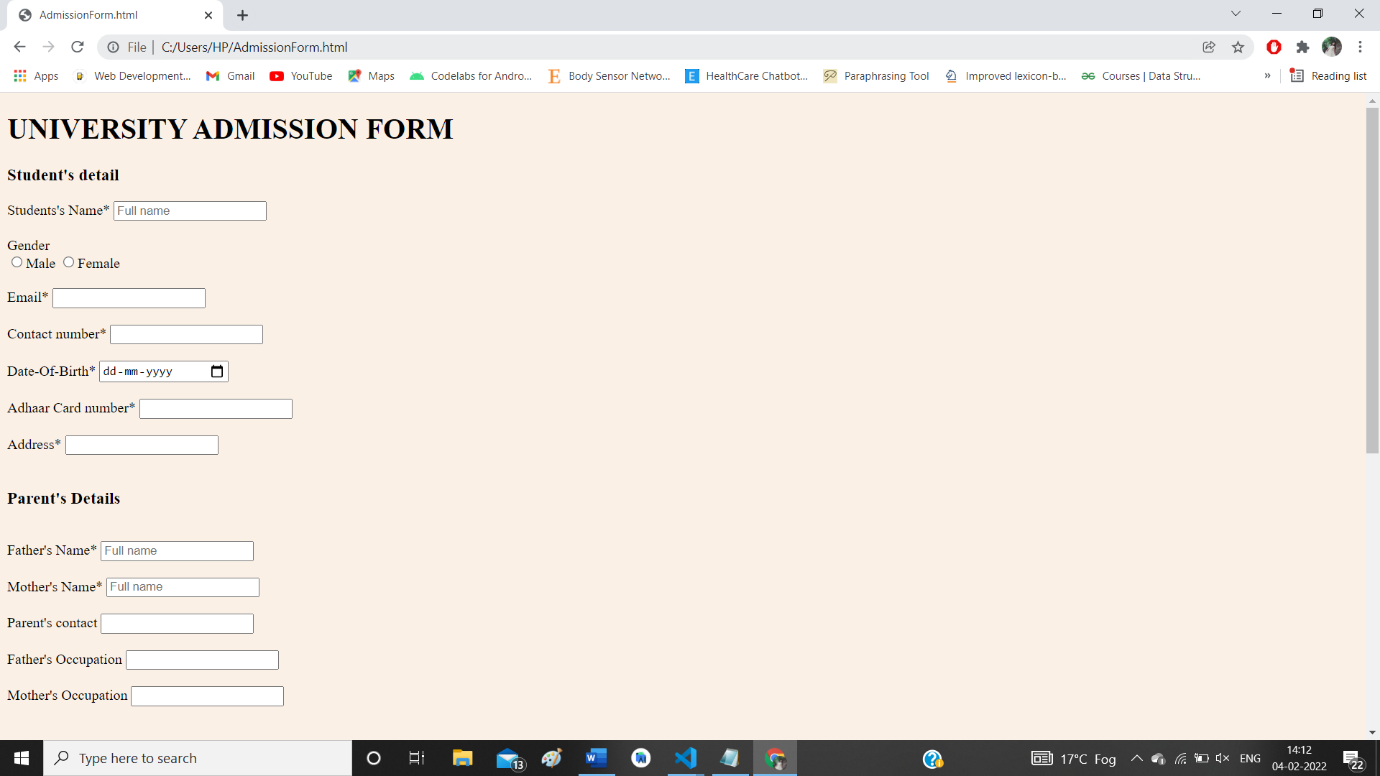
</div>

</form>

</div>

</div>

OUTPUT



2. Write a simple HTML Script to make your Time Table

<!DOCTYPE html>

<head>

<title>Time Table</title>

<meta charset="utf-8">

<body>

<h3 align="center" style="padding: 0px; margin: 0px"> GRAPHIC ERA DEEMED TO BE UNIVERSITY &nbsp;&nbsp;&nbsp;&nbsp;&nbsp; </h3>

<h3 align="center" style="padding: 0px; margin: 0px">TIME TABLE OF B. TECH. VIth SEMESTER – COMPUTER SCIENCE & ENGG. - E</h3>

<h3 align="center" style="padding: 0px; margin: 0px">ACADEMIC YEAR 2021-22</h3>

<h3 style="padding: 0px; margin: 0px">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

&nbsp;&nbsp;&nbsp;&nbsp;

<style>

table,th,td{

border-collapse: collapse;

border-color: rgb(0, 51, 0)

}

mark1{

background-color: red;

color: black;

}

mark2{

background-color: rgb(204, 51, 255);

color: black;

}

mark3{

background-color: yellow;

color: black;

}

mark4{

background-color: rgb(0, 255, 255);

color: black;

}

mark5{

background-color: rgb(224, 224, 235);

color: black;

}

mark6{

background-color: rgb(0, 255, 0);

color: black;

}

</style>

<!--Table 1-->

<table border=1 cellpadding="5" align="center" >

<tr>

<th></th>

<th>9:00-9:55</th>

<th>9:55-10:50</th>

<th>11:10-12:05</th>

<th>12:05-1:00</th>

<th>1:00-1:55</th>

<th>1:55-2:50</th>

<th>3:10-4:05</th>

<th>4:05-5:00</th>

</tr>

<tr>

<td align="center" ><B>Mon</B></td>

<td align="center" ><mark1><B>TCS-602</B></mark1></td>

<td align="center"><mark2><B>TCS 693</mark2></B></td>

<td align="center"><mark3><B>TCS-601</mark3></B></td>

<td align="center"><mark4>TCS-691/<BR>

TCS-651/<BR>

TCS-619</mark4></td>

<td align="center">Lunch</td>

<td align="center"><mark5>XCS-601 (PDP)</mark5></td>

<td colspan="2"><B>Career Excellence Classes (CEC)</B></td>

</tr>

<tr>

<td align="center" ><B>Tue</B></td>

<td align="center" ><mark1><B>TCS-602</B></mark1></td>

<td align="center"><mark2><B>TCS 693</mark2></B></td>

<td align="center"><mark3><B>TCS-601</mark3></B></td>

<td align="center"><mark4>TCS-691/<BR>

TCS-651/<BR>

TCS-619</mark4></td>

<td align="center">Lunch</td>

<td align="center"><mark5>XCS-601 (QAR)</mark5></td>

<td align="center"><mark6><B>TCS-604</mark6></B></td>

<td align="center"><mark6><B>TCS-604</mark6></B></td>

</tr>

<tr>

<td align="center"><B>Wed</B></td>

<td align="center" ><mark1><B>TCS-602</B></mark1></td>

<td align="center"><mark2><B>TCS 693</mark2></B></td>

<td align="center"><mark3><B>TCS-601</mark3></B></td>

<td align="center"><mark4>TCS-691/<BR>

TCS-651/<BR>

TCS-619</mark4></td>

<td align="center">Lunch</td>

<td align="center"><B>Lib</B></td>

<td align="center"><mark6><B>TCS-604</mark6></B></td>

<td align="center"><mark6><B>TCS-604</mark6>

<BR>(Discussion Class)</B></td>

</tr>

<tr>

<td align="center"><B>Thu</B></td>

<td align="center" ><mark1><B>TCS-602</mark1>

<BR>(Discussion Class)</B></td>

<td align="center"><mark2><B>TCS 693</mark2>

<BR>(Discussion Class)</B></td></td>

<td align="center"><mark3><B>TCS-601</mark3>

<BR>(Discussion Class)</B></td></td>

<td align="center"><mark4>TCS-691/<BR>

TCS-651/<BR>

TCS-619</mark4>

<BR><B>(Discussion Class)</B></td>

<td align="center">Lunch</td>

<td align="center" colspan="3"><B>SWAYAM/Training/Extra-Curricular Activities/LIB</B></td>

</tr>

<tr>

<td align="center" ><B>Fri</B></td>

<td align="center" colspan="2">Software Engineering Lab</td>

<td align="center" colspan="2">Compiler Design Lab</td>

<td align="center">Lunch</td>

<td align="center"><B>Lib</B></td>

<td align="center" colspan="2">Web Development Lab</td>

</tr>

</table>

<h3 style="padding: 0px; margin: 0px">&nbsp;</h3>

<!--Table 2-->

<table border=1 cellpadding="10" align="center" >

<tr>

<th>Subject Code</th>

<th>Subject Name</th>

<th>Faculty</th>

</tr>

<tr>

<td align="center" ><B>TCS-601</B></td>

<td align="center" >Compiler Design</td>

<td align="center">Dr. Aditya P.</td>

</tr>

<tr>

<td align="center" ><B>TCS-602</B></td>

<td align="center" >Software Engineering</td>

<td align="center">DR. Jyoti Aggarwal</td>

</tr>

<tr>

<td align="center" ><B>TCS-604</B></td>

<td align="center" >Computer Networks-I</td>

<td align="center">Mr. Vishnu Tyagi</td>

</tr>

<tr>

<td align="center" ><B>TCS-693</B></td>

<td align="center" >Full Stack Web Development</td>

<td align="center">Mr. Ashwini Kumar</td>

</tr>

<tr>

<td align="center" ><B>XCS-601</B></td>

<td align="center" >Career Skills (QAR/PDP/ Soft Skills -PDP)</td>

<td align="center">PDP Department</td>

</tr>

<tr>

<td align="center" colspan="3"><B>Elective</B></td>

</tr>

<tr>

<td align="center" ><B>TCS-691</B></td>

<td align="center" >Image Processing and Computer Vision</td>

<td align="center">Dr. Manoj Diwakar & Dr. Vishan Gupta</td>

</tr>

<tr>

<td align="center" ><B>TCS-651</B></td>

<td align="center" >Devops on Cloud</td>

<td align="center" >Dr. Vijay Singh</td>

</tr>

<tr>

<td align="center" ><B>TCS-619</B></td>

<td align="center" >Network and System Security</td>

<td align="center">Dr. Mohammad Wazid & Dr. Priya Matta</td>

</tr>

<tr>

<td align="center" colspan="3"><B>Lab</B></td>

</tr>

<tr>

<td align="center" ><B>PCS-601</B></td>

<td align="center" >Compiler Design Lab</td>

<td align="center">Dr. Aditya p.</td>

</tr>

<tr>

<td align="center" ><B>PCS 602</B></td>

<td align="center" >Software Engineering Lab</td>

<td align="center" >Dr. Surendra Kumar Shukla</td>

</tr>

<tr>

<td align="center" ><B>PCS-693</B></td>

<td align="center" >Web Development Lab</td>

<td align="center">Mr. Ashwini Kumar</td>

</tr>

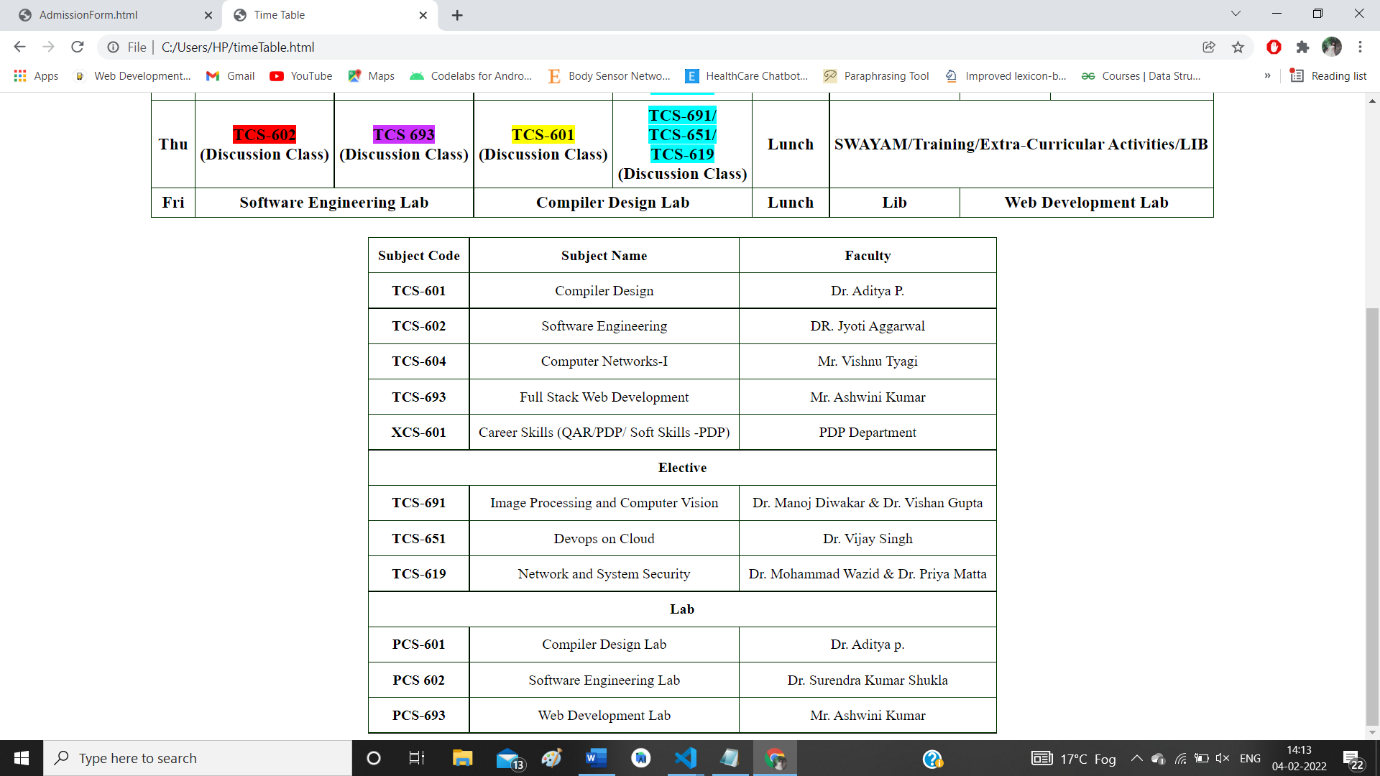
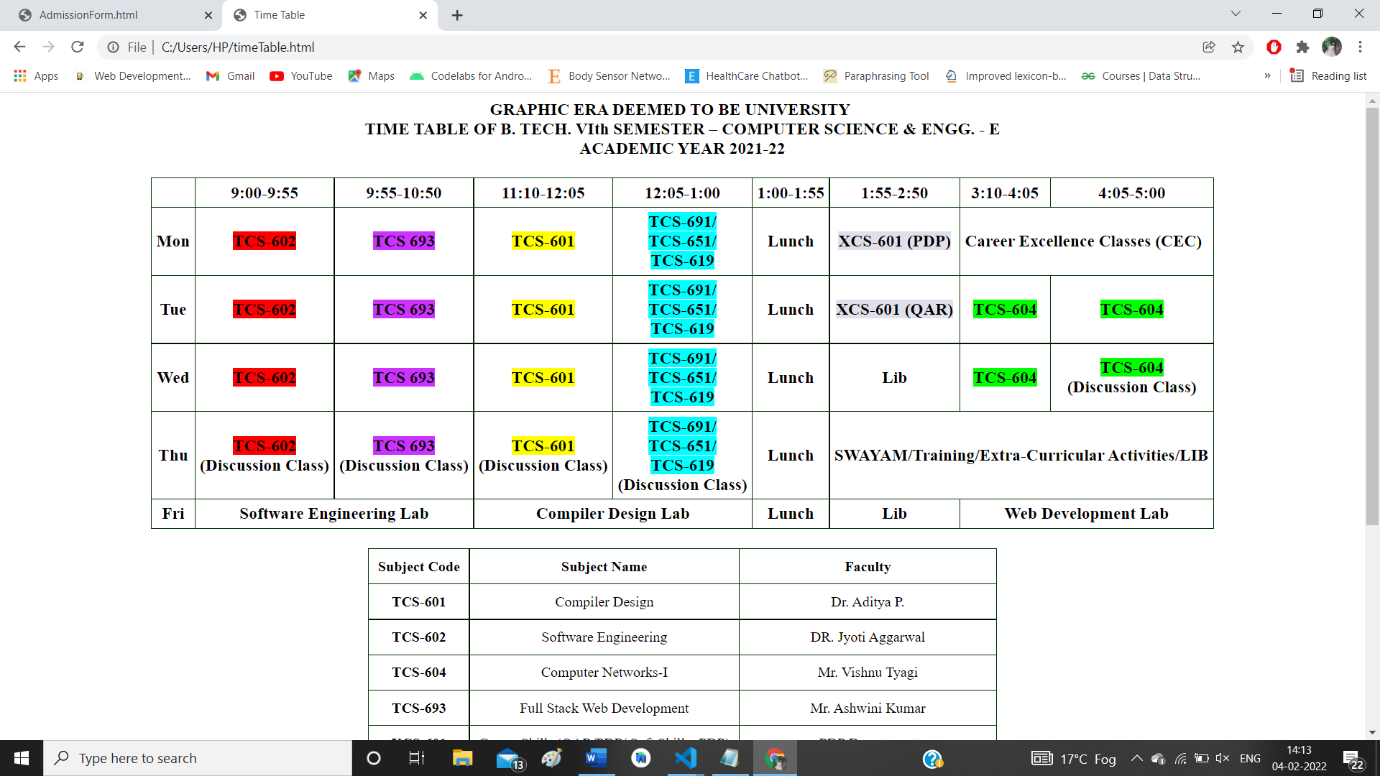
</table>

</body>

<style>

</html>

OUTPUT



3.WAP in HTML to implement a table.

MENU

<!DOCTYPEhtml>

    <html>

    <head>

        <title>

            MenuPage

        </title>

        <style>

            h1 {

                color: red;

                text-align: center;

            }

        </style>

    </head>

    <bodybgcolor="bisque">

        <h1>SelectedPlanets</h1>

        <p>Readessentialdetailsaboutthefollowingplanets:</p>

        <ul>

            <li>

                <ahref="C:\Users\HP\venus.html"target="main\_page">Venus</a>

            </li><br />

            <li>

                <ahref="C:\Users\HP\earth.html"target="main\_page">Earth</a>

            </li><br />

            <li>

                <ahref="C:\Users\HP\jupiter.html"target="main\_page">Jupiter</a>

            </li><br />

        </ul>

        </body>

    </html>

MAIN

!DOCTYPEhtml>

<html>

<bodybgcolor="#b5dcb3">

    <h3>Thisismainpageandcontentfromanylinkwillbedisplayedhere.</h3>

    <p>Sonowclickanylinkandseetheresult.</p>

    </body>

</html>

FRAME

<!DOCTYPEhtml>

    <html>

    <head>

        <title>

            Implementationofframe

        </title>

    </head>

    <framesetcols="30%,70%"border="10">

        <framename="menu\_page"src="C:\Users\HP\menu.html" />

        <framename="main\_page"src="C:\Users\HP\main.html" />

        <noframes>

            <body>Yourbrowserdoesnotsupportframes.</body>

        </noframes>

        </frameset>

    </html>

CSS

body{

margin:10px;

background-color:#FFFFE0;

}

h1{

color:red;

font-style:bold;

}

img{

float:right;

margin:15px;

}

p{

text-align:justify;

}

EARTH

<!DOCTYPEhtml>

    <html>

    <head>

        <title>

            Earth

        </title>

        <linkrel="stylesheet"href="C:\Users\HP\questionone.css" />

    </head>

    <body>

        <divclassname="Earth">

            <h1align="center">Earth</h1>

                <div>

                    <imgsrc="C:\Users\HP\Pictures\earth.jpg">

                </div>

                <p>

                    Earth is the third planet from the Sun and the only astronomical object known to harbor life. While large amounts of water can be found throughout the Solar System, only Earth sustains liquid surface water. About 71% of Earth's surface is made up of the ocean, dwarfing Earth's polar ice, lakes and rivers. The remaining 29% of Earth's surface is land, consisting of continents and islands. Earth's surface layer is formed of several slowly moving tectonic plates, interacting to produce mountain ranges, volcanoes and earthquakes. Earth's liquid outer core generates the magnetic field that shapes Earth's magnetosphere, deflecting destructive solar winds.

Earth's atmosphere consists mostly of nitrogen and oxygen. More solar energy is received by tropical regions than polar regions and is redistributed by atmospheric and ocean circulation. Water vapor is widely present in the atmosphere and forms clouds that cover most of the planet. Greenhouse gases in the atmosphere like carbon dioxide (CO2) trap a part of the energy from the Sun close to the surface. A region's climate is governed by latitude, but also by elevation and proximity to moderating oceans. Severe weather, such as tropical cyclones, thunderstorms, and heatwaves, occurs in most areas and greatly impacts life.

Earth is an ellipsoid with a circumference of about 40,000 km. It is the densest planet in the Solar System. Of the four rocky planets, it is the largest and most massive. Earth is about eight light minutes away from the Sun and orbits it, taking a year (about 365.25 days) to complete one revolution. Earth rotates around its own axis in a day. Earth's axis of rotation is tilted with respect to its orbital plane with the Sun, producing seasons. Earth is orbited by one permanent natural satellite, the Moon, which orbits Earth at 380,000 km (1.3 light seconds) and is roughly a quarter as wide as Earth. The Moon always faces the Earth with the same side through tidal locking and causes tides, stabilizes Earth's axis and gradually slows its rotation.

                </p>

                </div>

    </body>

    </html>

    VENUS

    <!DOCTYPEhtml>

        <html>

        <head>

            <title>

                Venus

            </title>

            <linkrel="stylesheet"href="C:\Users\HP\questionone.css" />

        </head>

        <body>

            <divclassname="Venus">

                <h1align="center">Venus</h1>

                    <div>

                        <imgsrc="C:\Users\HP\Pictures\venus.jpg">

                    </div>

                    <p>

                        Venus is the second planet from the Sun. It is named after the Roman goddess of love and beauty. As the brightest natural object in Earth's night sky after the Moon, Venus can cast shadows and can be visible to the naked eye in broad daylight. Venus lies within Earth's orbit, and so never appears to venture far from the Sun. Most of the time, Venus is either a morning star or an evening star, when it rises in the east a little while before dawn or sets in the west just after dusk, respectively. Venus orbits the Sun every 224.7 Earth days. It has a synodic day length of 117 Earth days and a sidereal rotation period of 243 Earth days. As a consequence, it takes longer to rotate about its axis than any other planet in the Solar System, and does so in the opposite direction to all but Uranus. This means the Sun rises in the west and sets in the east. Venus does not have any moons, a distinction it shares only with Mercury among the planets in the Solar System.

Venus is a terrestrial planet and is sometimes called Earth's "sister planet" because of their similar size, mass, proximity to the Sun, and bulk composition. It is radically different from Earth in other respects. PCS-693 Web Development Lab F 52 2014868 It has the densest atmosphere of the four terrestrial planets, consisting of more than 96% carbon dioxide. The atmospheric pressure at the planet's surface is about 92 times the sea level pressure of Earth, or roughly the pressure at 900 m (3,000 ft) underwater on Earth. Even though Mercury is closer to the Sun, Venus has the hottest surface of any planet in the Solar System, with a mean temperature of 737 K (464 °C; 867 °F). Venus is shrouded by an opaque layer of highly reflective clouds of sulfuric acid, preventing its surface from being seen from space in light. It may have had water oceans in the past, but these would have vaporized as the temperature rose under a runaway greenhouse effect. The water has probably photodissociated, and the free hydrogen has been swept into interplanetary space by the solar wind because of the lack of a planetary magnetic field.

As one of the brightest objects in the sky, Venus has been a major fixture in human culture for as long as records have existed. It has been made sacred to gods of many cultures, and has been a prime inspiration for writers and poets as the "morning star" and "evening star". Venus was the first planet to have its motions plotted across the sky, as early as the second millennium BC.

                    </p>

                    </div>

        </body>

        </html>

        JUPITER

        <!DOCTYPEhtml>

            <html>

            <head>

                <title>

                    Jupiter

                </title>

                <linkrel="stylesheet"href="C:\Users\HP\questionone.css" />

            </head>

            <body>

                <divclassname="jupiter">

                    <h1align="center">Jupiter</h1>

                        <div>

                            <imgsrc="C:\Users\HP\Pictures\jupiter.jpg">

                        </div>

                        <p>

                            Jupiter is the fifth planet from the Sun and the largest in the Solar System. It is a gas giant with a mass more than two and a half times that of all the other planets in the Solar System combined, but slightly less than one-thousandth the mass of the Sun. Jupiter is the third brightest natural object in the Earth's night sky after the Moon and Venus. People have been observing it since prehistoric times; it was named after the Roman god Jupiter, the king of the gods, because of its observed size.

Jupiter is primarily composed of hydrogen, but helium constitutes onequarter of its mass and one-tenth of its volume. It likely has a rocky core of heavier elements, but, like the other giant planets, Jupiter lacks a welldefined solid surface. The ongoing contraction of its interior generates heat greater than the amount received from the Sun. Because of its rapid rotation, the planet's shape is an oblate spheroid; it has a slight but noticeable bulge around the equator. The outer atmosphere is visibly segregated into several bands at different latitudes, with turbulence and storms along their interacting boundaries. A prominent result of this is the Great Red Spot, a giant storm known to have existed since at least the 17th century when telescopes first saw it.

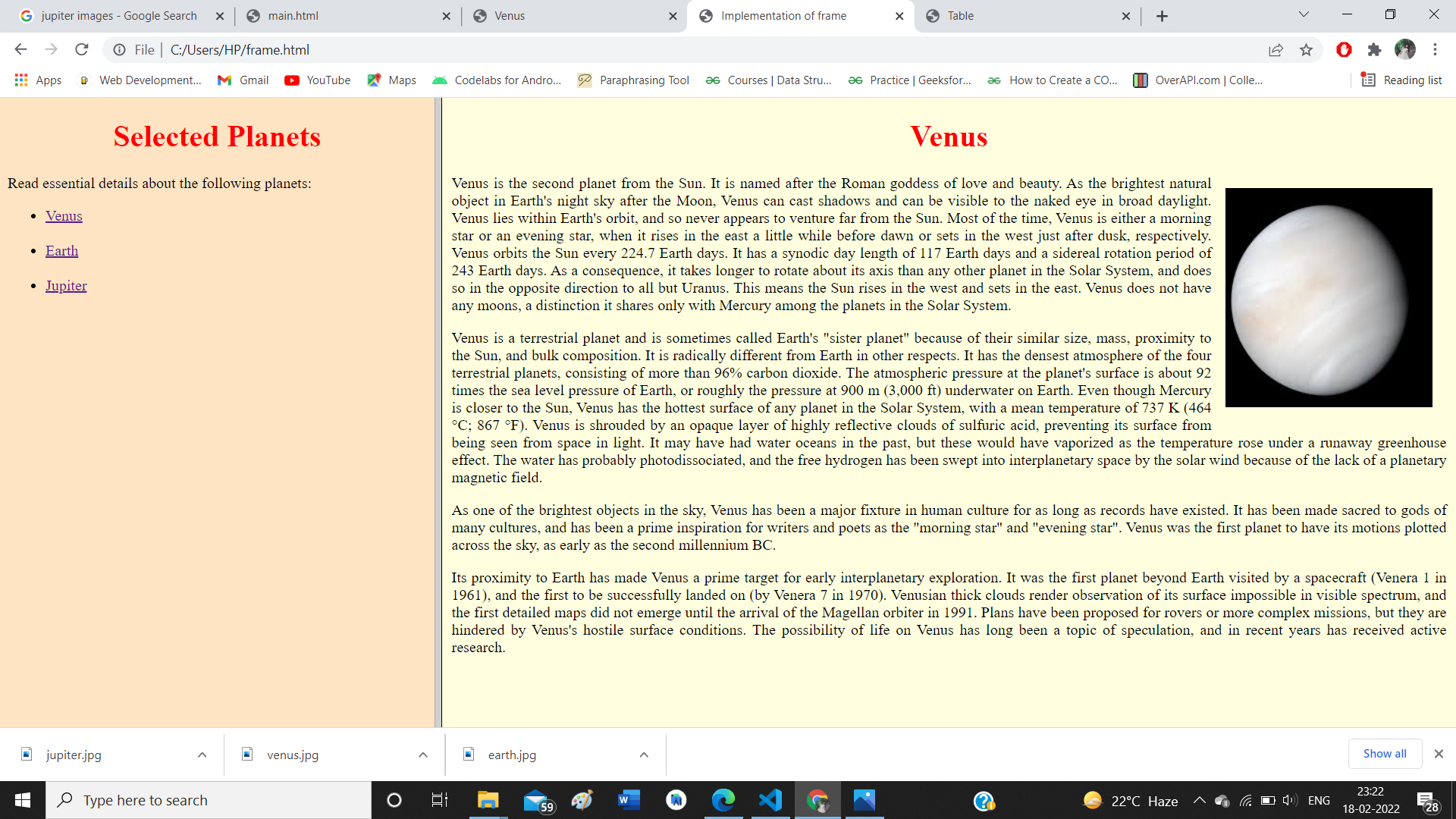
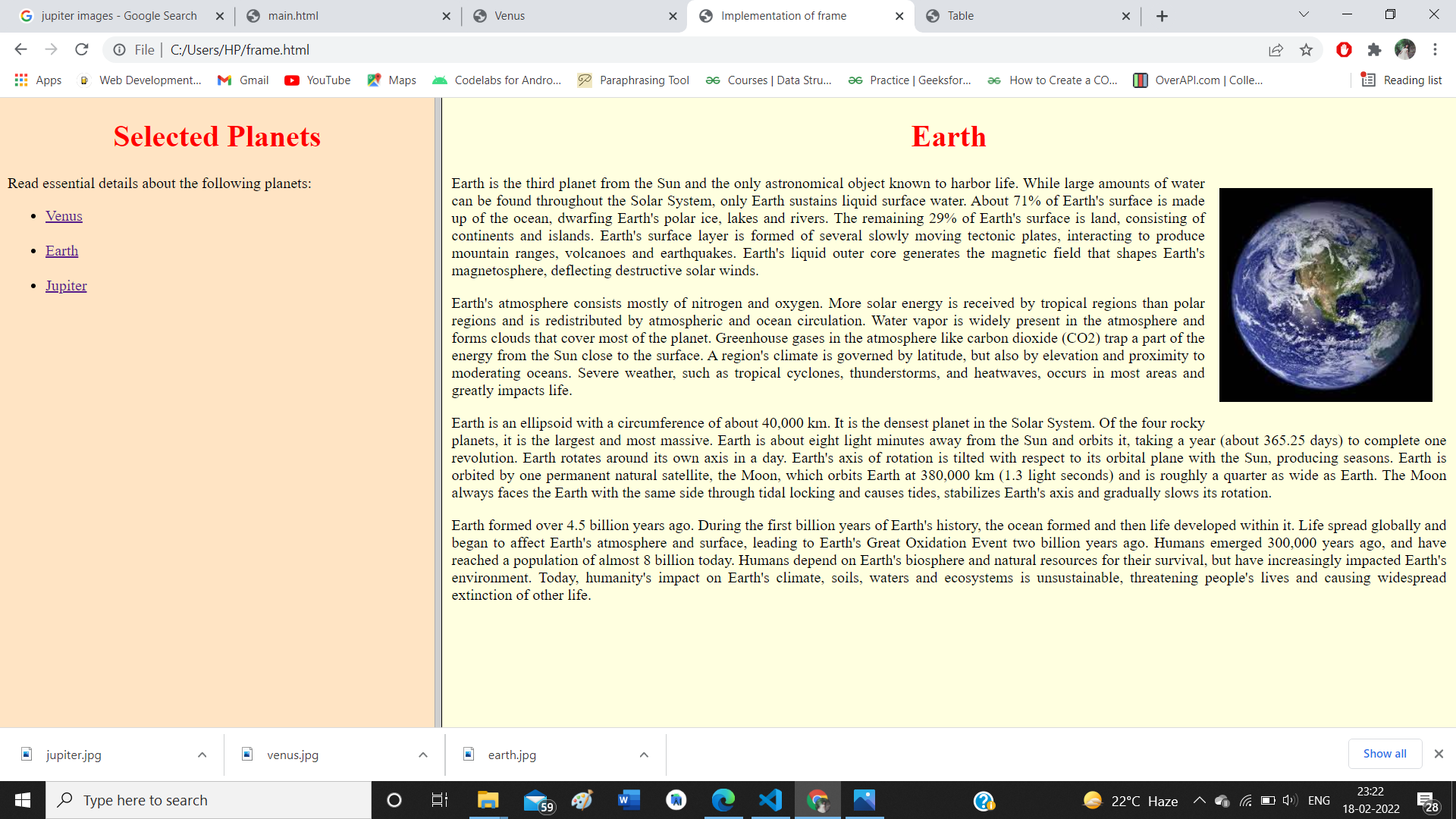
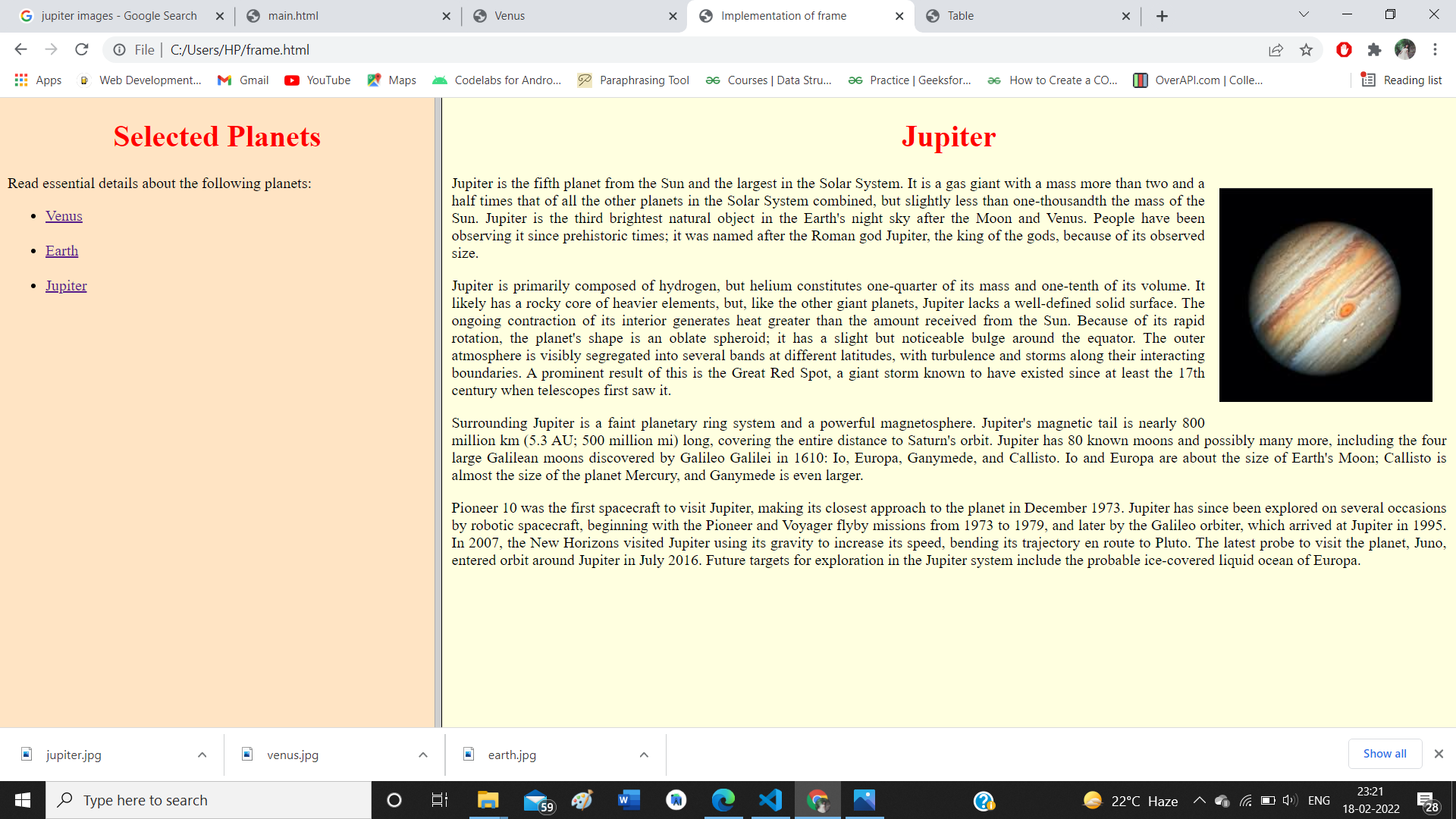
                        </p>

                        </div>

                        </div>

            </body>

            </html>

OUTPUT

4. WAP in HTML to implement a table

<!DOCTYPEhtml>

    <html>

    <head>

        <title>

            Table

        </title>

        <style>

            table {

                border-collapse: collapse;

                text-align: center;

            }

            th,

            td {

                border: 1pxsolidblack;

                padding: 4px;

                text-align: center;

            }

        </style>

    </head>

    <body>

        <tableborder="1"cellpadding="5"align="center">

            <tr>

                <throwspan="3">Day</th>

                    <thcolspan="3">Seminar</th>

            </tr>

            <tr>

                <thcolspan="2">Schedule</th>

                    <throwspan="2">Topic</th>

            </tr>

            <tr>

                <th>Begin</th>

                <th>End</th>

            </tr>

            <tr>

                <tdrowspan="2">Monday</td>

                    <tdrowspan="2"bgcolor="#FAFAD2">8:00a.m.</td>

                        <tdrowspan="2"bgcolor="#E0B0FF">5:00p.m.</td>

                            <td>IntroductiontoXML</td>

            </tr>

            <tr>

                <td>Validity:DTDandRelaxNG</td>

            </tr>

            <tr>

                <tdrowspan="3">Tuesday</td>

                    <tdbgcolor="#FAFAD2">8:00a.m.</td>

                        <tdbgcolor="#FAFAD2">11:00a.m.</td>

                            <tdrowspan="1">XPath</td>

            </tr>

            <tr>

                <tdbgcolor="#FAFAD2">11:00a.m.</td>

                    <tdbgcolor="#98FB98">2:00p.m.</td>

                        <tdrowspan="2">

                            <center>XSLTransformations</center>

                            </td>

            </tr>

            <tr>

                <tdbgcolor="#98FB98">2:00p.m.</td>

                    <tdbgcolor="#E0B0FF">5:00p.m.</td>

            </tr>

            <tr>

                <td>Wednesday</td>

                <tdbgcolor="#FAFAD2">8:00a.m.</td>

                    <tdbgcolor="#98FB98">12:00p.m.</td>

                        <td>XSLFormattingObjects</td>

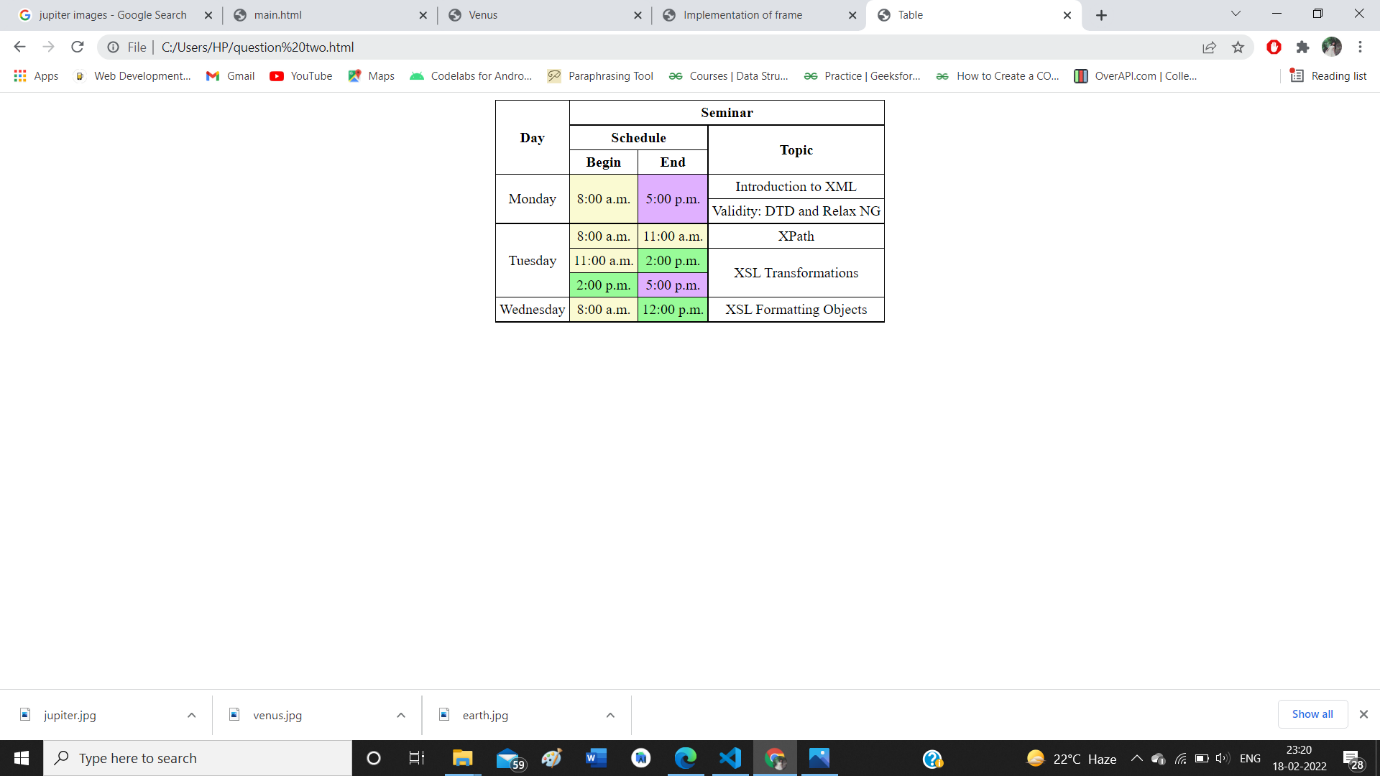
            </tr>

            </table>

    </body>

    </html

OUTPUT



5. Write a JavaScript function to check whether an `input` is an integer or not.

Test Data: 'ABCD'

False

[17, 52, 94, 60]

True

<!DOCTYPE html>

<html>

<head>

    <title>Document</title>

</head>

<body>

    <input type="text" id="text1" placeholder="Enter String" />

    <button id="button1" onclick="clicked()">Submit</button>

    <script src="FRAME.js">

    </script>

</body>

</html>

const arr=[17,52,94,60]

x=arr.every(isInt);

function isInt(value){

return Number.isInteger(value);

}

y=isInt('ABCD');

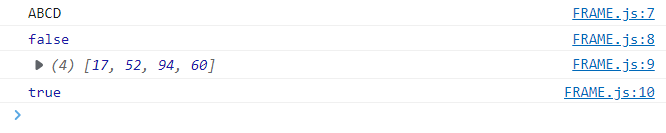
console.log('ABCD');

console.log(y);

console.log(arr);

console.log(x);

OUTPUT



6: Write a java script function to move a circle from top to bottom with 50 px;

circle attributes: background color: blue

border color: red

<!DOCTYPE html>

<html>

<head>

    <title>Move Circle</title>

    <link rel="stylesheet" href="six.css">

</head>

<body>

    <div class="circle">

        click to move

    </div>

    <script src="six.js"></script>

</body>

</html>

CSS

.circle {

    border: 5px solid red;

    border-color: red;

    background-color: blue;

    height: 200px;

    width: 200px;

    border-radius: 100px;

    position: absolute;

    text-align: center;

    line-height: 100px;

}

JAVASCRIPT

const circle1=document.querySelector(".circle");

inc=0;

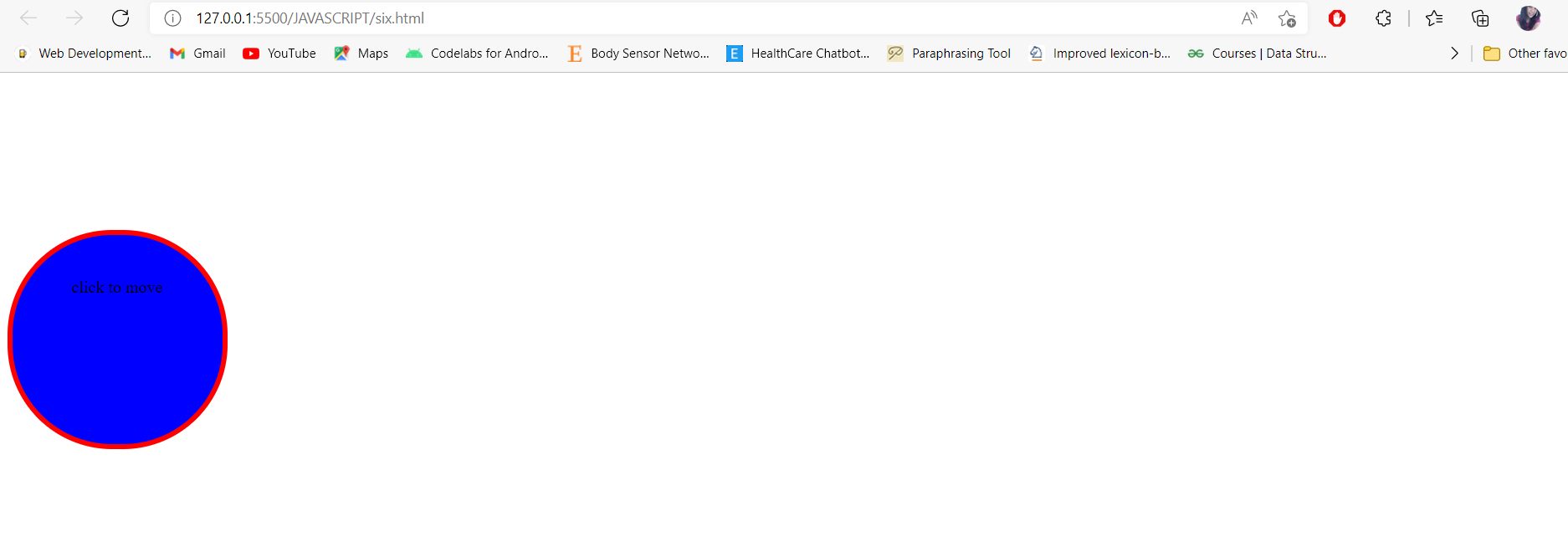
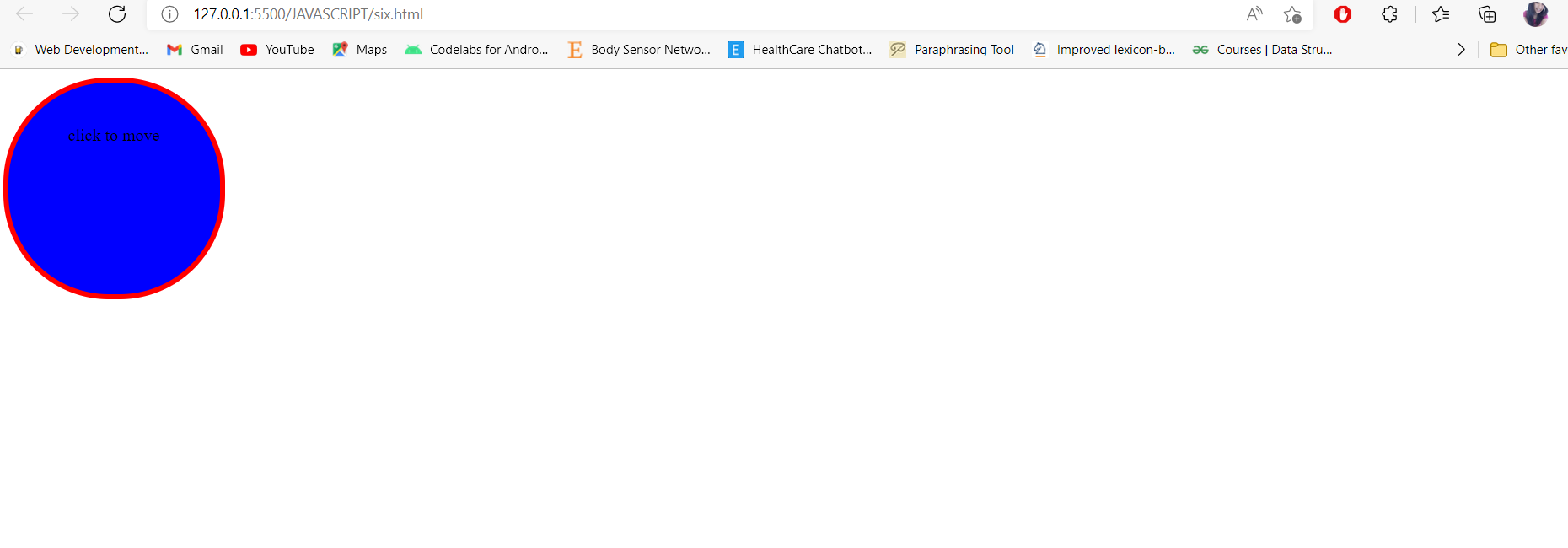
circle1.addEventListener('click', ()=>{

inc=inc+50;

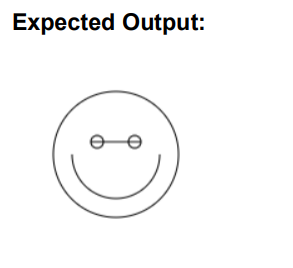
circle1.style.top=inc+"px";

})

OUTPUT



7: Write a JavaScript program to draw the following diagram [use moveto() function].



<!DOCTYPE html>

<html>

<head>

    <title>Draw</title>

</head>

<body onload="draw();">

    <canvas id="canvas" width="250" height="250"> hello</canvas>

    <script src="Program7.js"></script>

</body>

</html>

javascript

function draw() {

    var canvas = document.getElementById('canvas');

    if (canvas.getContext) {

    var context = canvas.getContext('2d');

    context.beginPath();

    //Outer Circle

    context.arc(75, 75, 50, 0, Math.PI \* 2, true);

    context.moveTo(110, 75);

    //Mouth

    context.arc(75, 75, 35, 0, Math.PI, false);

    //Left and Right Eye

    context.moveTo(55, 65);

    context.arc(60, 65, 5, 0, Math.PI \* 2, true);

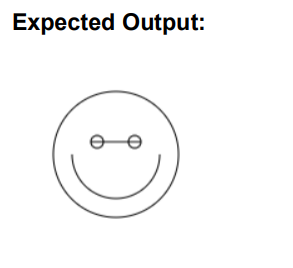
    context.arc(90, 65, 5, 0, Math.PI \* 2, true);

    context.stroke();

    }

    }

OUTPUT



8: Write a JavaScript program to calculate the volume of cube using form.

<!DOCTYPE html>

<html>

<head>

    <title>Admission Form</title>

</head>

<meta charset="utf-8">

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

<style>

    body {

        background-color: olive;

    }

    mark1 {

        color: orangered;

    }

</style>

<body>

    <h1><B>Volume of Cube</B>

        <h1>

            <h4>Enter side of the cube</h4>

            <hr />

            <!--Name-->

            <h3>Side<mark1>\*</mark1> &nbsp;&nbsp;<input type="text" id="vol1">

            </h3>

            <!-- Button -->

            <div>

                <Button id="vol" onclick="clicked()">Calculate Volume</Button>

            </div>

            <script src="eight.js"></script>

</body>

</html>

JAVASCRIPT

function clicked()

{

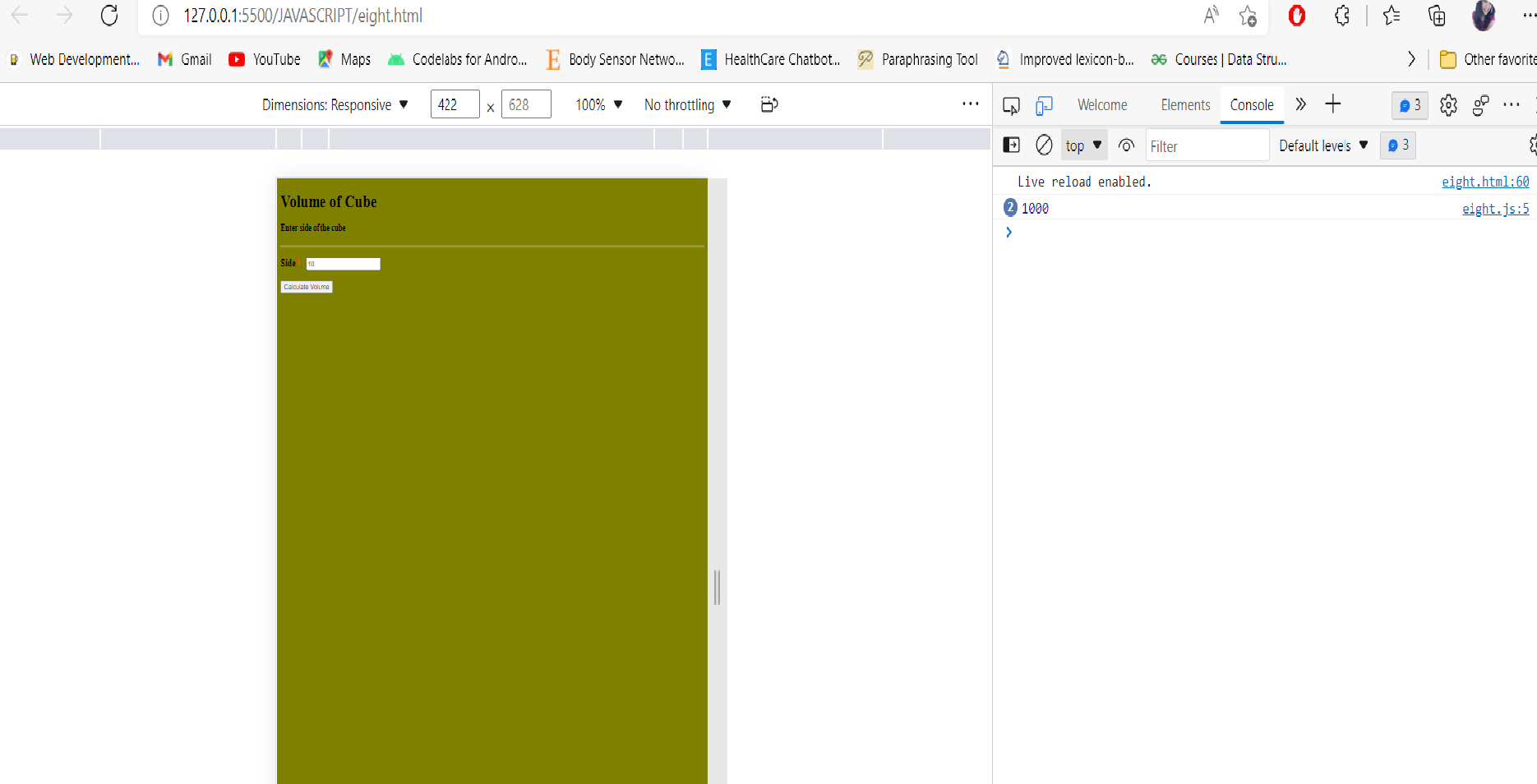
const vol = document.querySelector('#vol1').value;

side=vol\*vol\*vol;

console.log(side);

}

OUTPUT



9: Write a JavaScript for loop that will iterate from 0 to 100. For each iteration, it will check if the current number is perfect square or not, and display a message to the screen/console.

<!DOCTYPE html>

<html>

<head>

    <title>Document</title>

</head>

<body>

    <script>

        for (i = 0; i <= 100; i++) {

            x = Math.sqrt(i);

            if (Number.isInteger(x))

                console.log(i + " is a perfect square");

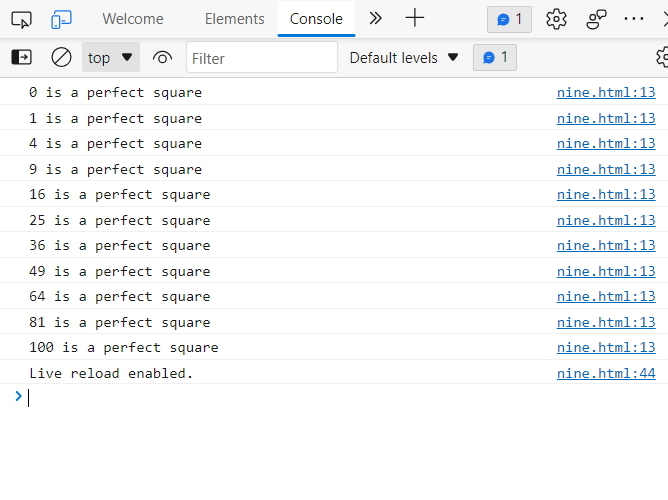
        }

    </script>

</body>

</html

OUTPUT



10: Write a JavaScript function to check whether a given value is a valid password & mail-id or not.

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <title>Valid Email and Password</title>

</head>

<body>

    <input id="email" placeholder="Enter your Email" required /></br>

    <input id="password" type="password" placeholder="Enter the password" required /></br>

    <h2 id="isValid"></h2>

    <button id="submitButton">Submit</button>

    <script src="ten.js"></script>

</body>

</html>

JAVASCRIPT

let text = document.querySelector("#isValid");

function check(email, password) {

    let flag1 = 0, flag2 = 0;

    for (let i = 0; i < email.length; i++) {

        if (email[i] == '@') {

            for (let j = i + 1; j < email.length; j++) {

                if (email[j] == '.' && j != email.length - 1) {

                    flag1 = 1;

                }

            }

        }

    }

    if (password.length >= 8) {

        flag2 = 1;

    }

    return flag1 && flag2;

}

document.querySelector("#submitButton").addEventListener("click", function

    (event) {

    let email = document.querySelector("#email").value;

    let password = document.querySelector("#password").value;

    if (check(email, password)) {

        text.innerText = "Valid Email and Password";

    }

    else {

        text.innerText = "Invalid EMail and Password";

    }

    event.preventDefault();

});

OUTPUT

