Cycle 1

1. Print your name to the screen with every letter being a different heading size

Code:

<html>

<head>

<title>1</title>

</head>

<body>

<center>

<h1>A</h1>

<h2>S</h2>

<h3>H</h3>

<h4>I</h4>

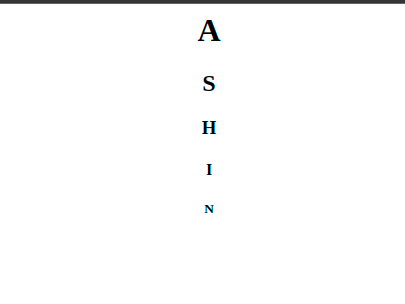
<h5>N</h5>

</center>

</body>

</html>

Output



1. Display the following text:

H2O

12th April 2016

HTML stands for High Text Markup Language

He said <I am fine>

Code:

<html>

<head>

</head>

<body>

<center>

<p>H<sub>2</sub>0</p>

<p>12<sup>th</sup>April 2016</p>

<p>HTML stands for <del> High Text Markup Language</del></p>

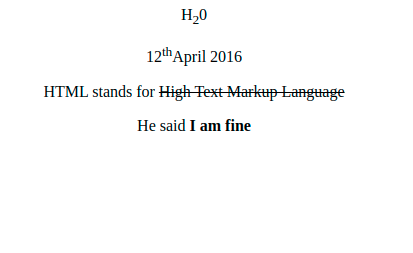
<p>He said<b> I am fine</b></p>

</body>

</center>

</html>

Output



1. Print a paragraph with 4 - 5 sentences. Each sentence should be a different font.

Code:

<html>

<head>

<title>3</title>

</head>

<body>

<center>

<p style="font-family:Arial;">Computer science is the study of computation, automation, and information.</p>

<p style="font-family:Verdana, sans-serif;">Computer science spans theoretical disciplines (such as algorithms, theory of computation, information theory, and automation) to practical disciplines (including the design and implementation of hardware and software).</p>

<p style="font-family:Courier New;">Computer science is generally considered an area of academic research and distinct from computer programming.</p>

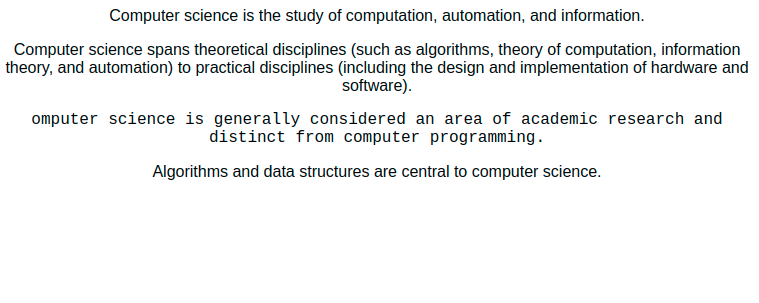
<p style="font-family:sans-serif;">Algorithms and data structures are central to computer science.<p>

</center>

</body>

</html>

Output



1. Print a paragraph that is a description of a book, include the title of the book as well as its author. Names and titles should be underlined, adjectives should be italicized and bolded.

Code:

<html>

<head>

<title>/</title>

</head>

<body>

<center>

<h1><u>Heading</u></h1>

<h4><u>Author</u></h4>

<p>

A book is a <b><i>medium</i></b> for recording information in the form of writing or images, typically composed of many pages (made of papyrus, parchment, vellum, or paper) bound together and protected by a cover.[1] The technical term for this physical arrangement is codex (plural, codices). In the history of hand-held physical supports for extended written compositions or records, the codex replaces its predecessor, the scroll. A single sheet in a codex is a leaf and each side of a leaf is a page.

As an intellectual object, a book is prototypically a composition of such great length that it takes a considerable investment of time to compose and still considered as an investment of time to read. In a restricted sense, a book is a self-sufficient section or part of a longer composition, a usage reflecting that, in antiquity, long works had to be written on several scrolls and each scroll had to be identified by the book it contained. Each part of Aristotle's Physics is called a book. In an unrestricted sense, a book is the compositional whole of which such sections, whether called books or chapters or parts, are parts.

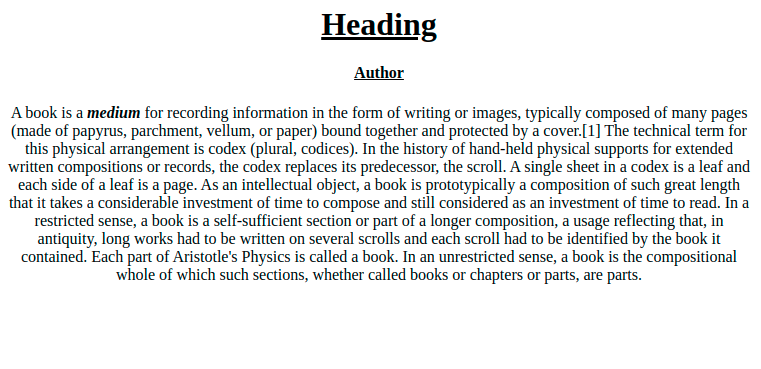
</p>

</center>

</body>

</html>

Output



1. Print two lists with any information you want. One list should be an ordered list, the other list should be an unordered list.

Code:

<html>

<head>

<title>list</title>

</head>

<body>

<h2>ordered list</h2>

<ol type=1>

<li>sjcet</li>

<li>engineering</li>

<li>College</li>

<li>pala</li>

</ol>

<h2>unordered</h2>

<ul>

<li>sjcet</li>

<li>engineering</li>

<li>college</li>

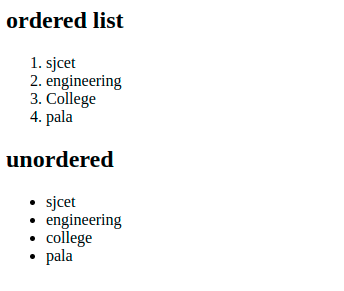
<li>pala</li>

</ul>

</body>

</html>

Output



1. Prints 10 names with a line break between each name. The list should be alphabetized, and to do this place a subscripted number next to each name based on where it will go in the alphabetized list. (Example: Alan1). Print first, the unalphabetized list with a subscript number next to each name, then the alphabetized list. Both lists should have an <h1> level heading.

Code:

<html>

<head>

<title>6</title>

</head>

<body>

<h1>In alphabetical</h1>

<h3>hello<sub>1</sub></h3>

<h3>server<sub>2</sub></h3>

<h3>room<sub>3</sub></h3>

<h3>table<sub>4</sub></h3>

<h3>internet<sub>5</sub></h3>

<h3>email<sub>6</sub></h3>

<h3>bag<sub>7</sub></h3>

<h3>cat<sub>8</sub></h3>

<h3>duck<sub>9</sub></h3>

<h3>apple<sub>10</sub></h3>

<h3>Alphabetized</h3>

<h3>apple<sub>1</sub></h3>

<h3>bag<sub>2</sub></h3>

<h3>cat<sub>3</sub></h3>

<h3>duck<sub>4</sub></h3>

<h3>email<sub>5</sub></h3>

<h3>hello<sub>6</sub></h3>

<h3>internet<sub>7</sub></h3>

<h3>room<sub>8</sub></h3>

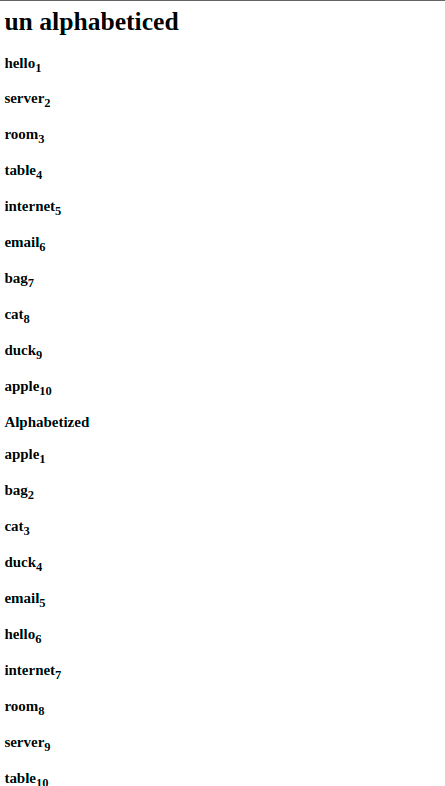
<h3>server<sub>9</sub></h3>

<h3>table<sub>10</sub></h3>

</body>

</html>

Output



1. Print the squares of the numbers 1 - 20. Each number should be on a separate line, next to it the number 2 superscripted, an equal sign and the result.\

Code:

<html>

<head>

<title>Square</title>

<body>

1<sup>2</sup> = 1

<br>

2<sup>2</sup> = 4

<br>

3<sup>2</sup> = 9

<br>

4<sup>2</sup> = 16

<br>

5<sup>2</sup> = 25

<br>

6<sup>2</sup> = 36

<br>

7<sup>2</sup> = 49

<br>

8<sup>2</sup> = 64

<br>

9<sup>2</sup> = 81

<br>

10<sup>2</sup> = 100

<br>

11<sup>2</sup> = 121

<br>

12<sup>2</sup> = 144

<br>

13<sup>2</sup> = 169

<br>

14<sup>2</sup> = 196

<br>

15<sup>2</sup> = 225

<br>

16<sup>2</sup> = 256

<br>

17<sup>2</sup> = 289

<br>

18<sup>2</sup> = 324

<br>

19<sup>2</sup> = 361

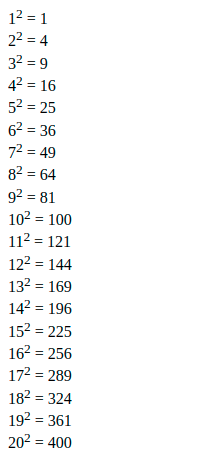
<br>

20<sup>2</sup> = 400

</body>

</html>

Output



1. Print a definition list with 5 items.

Code:

<html>

<head>

<title>definition</title>

<body>

<dl>

<dd>PHP</dd>

<dt>Hypertext preprocessor</dt>

<dd>SQL</dd>

<dt>Structured Query Language</dt>

<dd>HTML</dd>

<dt>Hypertext Markup Language</dt>

<dd>DI</dd>

<dt>Data Interpretation</dt>

<dd>ML</dd>

<dt>Machine Learning</dt>

<dd>CSS</dd>

<dt>Cascading style sheet</dt>

<dd>ER</dd>

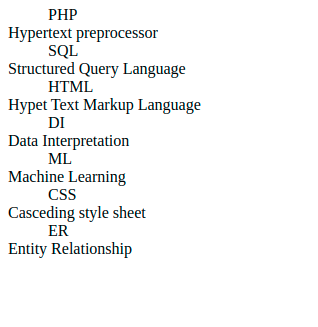
<dt>Entity Relationship</dt>

</dl>

</body>

</html>

Output



1. Display an image that has a border of size 2, a width of 200, and a height of 200.

Code:

<html>

<head>

<title>image</title>

<style>

img{

border: 2px solid #555;

}

</style>

</head>

<body>

<img src="D:\web\_pgm\cycle 1\resource\computer.webp" alt="image of a laptop" width="200px" height="200px">

</body>

</html>

Output



1. Print ten acronyms and abbreviations of your choosing, each separated by two lines. Specify the data that the abbreviations and acronyms represent.

Code:

<html>

<head>

<title>10</title>

</head>

<body>

<dfn><abbr title="cascading style sheet">css</abbr></dfn>

<br>

<br>

<dfn><abbr title="hyper text markup language">html</abbr></dfn>

<br>

<br>

<dfn><abbr title="hypertext preprocessor">php</abbr></dfn>

<br>

<br>

<dfn><abbr title="structured query language">sql</abbr></dfn>

<br>

<br>

<dfn><abbr title="data interpretation">di</abbr></dfn>

<br>

<br>

<dfn><abbr title="numbers">1,2,3...</abbr></dfn>

<br>

<br>

<dfn><abbr title="alphabet">a,b,c,....</abbr></dfn>

<br>

<br>

<dfn><abbr title="date">02/11/2022</abbr></dfn>

<br>

<br>

<dfn><abbr title="month">december</abbr></dfn>

<br>

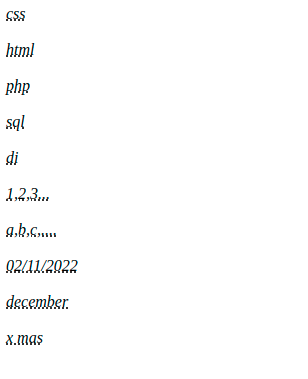
<br>

<dfn><abbr title="christmas">x mas</abbr></dfn>

</body>

</html>

Output



1. Print two addresses in the same format used on the front of envelopes (sender's address in top left corner, receiver's address in the center.

Code:

<html>

<head>

<title>11</title>

</head>

<body>

<i>

Ashin Siby<br>

Periapurathu (H)<br>

Plassanal (P.O.)<br>

Plassanal<br>

Kottayam (D.t.)<br>

Pin 686579

<center>

abc<br>

xyz (H)<br>

pqr (D.t.)<br>

pin 1234

</center>

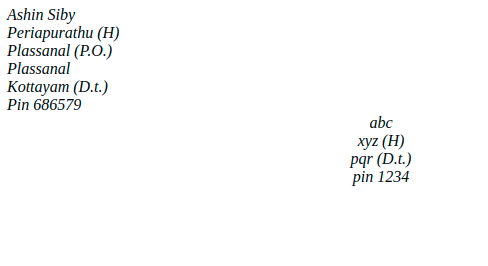
</li>

</center>

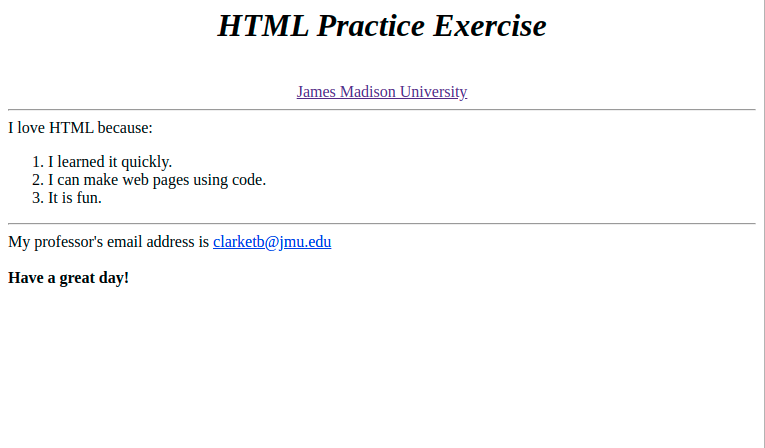
</body>

</html>

Output



1. Create an HTML page with the following contents:



Code:

<html>

<head>

<title>I love HTML!!!</title>

</head>

<body>

<center>

<h1><i>HTML Practice Exercise</i></h1>

<br>

<a href="https://sjcetpalai.ac.in/">James Madison University</a>

</center>

<hr>

I love HTML because:

<ol type=1>

<li>I learned it quickly.</li>

<li>I can make web pages using code.</li>

<li>It is fun.</li>

</ol>

<hr>

My professor's email address is <a href="abc@gmail.com">clarketb@jmu.edu</a>

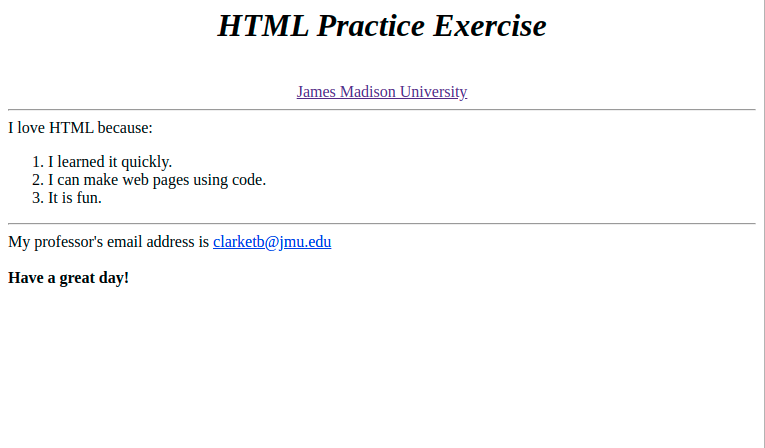
<br><br>

<b>Have a great day!</b>

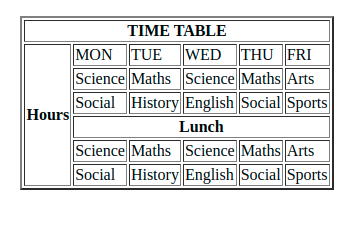
</body>

</html>

Output



1. Create the following table



Code:

<html>

<head>

<title>Time Table</title>

</head>

<body style="margin:5%">

<table border="2px" align="center">

<tr>

<td colspan="6" align="center"><b>TIME TABLE</b></td>

</tr>

<tr>

<td rowspan="6"><b>Hours</b></td>

<td>MON</td><td>TUE</td><td>WED</td><td>THU</td><td>FRI</td>

</tr>

<tr>

<td>Science</td><td>Maths</td><td>Science</td><td>Maths</td><td>Arts</td>

</tr>

<tr>

<td>Social</td><td>History</td><td>English</td><td>Social</td><td>Sports</td>

</tr>

<tr>

<td colspan="5" align="center"><b>Lunch</b></td>

</tr>

<tr>

<td>Science</td><td>Maths</td><td>Science</td><td>Maths</td><td>Arts</td>

</tr>

<tr>

<td>Social</td><td>History</td><td>English</td><td>Social</td><td>Sports</td>

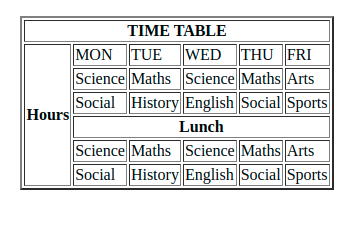
</tr>

</table>

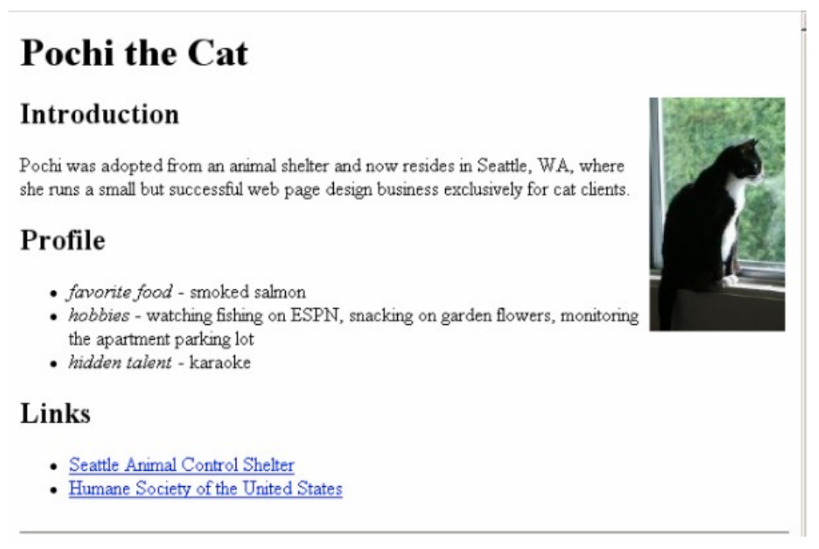
</body>

</html>

Output



1. Create a HTML Page which looks like the one given below



Code:

<html>

<head>

<title>14</title>

</head>

<body>

<h1><b>Pochi the cat</b></h1>

<img src="/home/sjcet/ashin/wp/web\_pgm\_cycles/cycle 1/resource/cat.jpg" width="150px" height="200px" align="right">

<h3>Introduction</h3>

<p>Pochi was adopted from an animal shelter and now reside in Seattle, WA, where she runs

a small but successful web page design business exclusively for cat clients.

</p>

<h2><b>Profile</b></h2>

<ul>

<li><i>favorite food - smoked salmon</i></li>

<li><l>hobbies - watching fishing on ESPN, snacking on garden flowers, monitoring the appartment parking lot</i></li>

<li><i>hidden talent - karaoke</i></li>

</ul>

<h2><b>Links</b></h2>

<ul>

<li><a href="abc.com">Seattle Control Shelter</a></li>

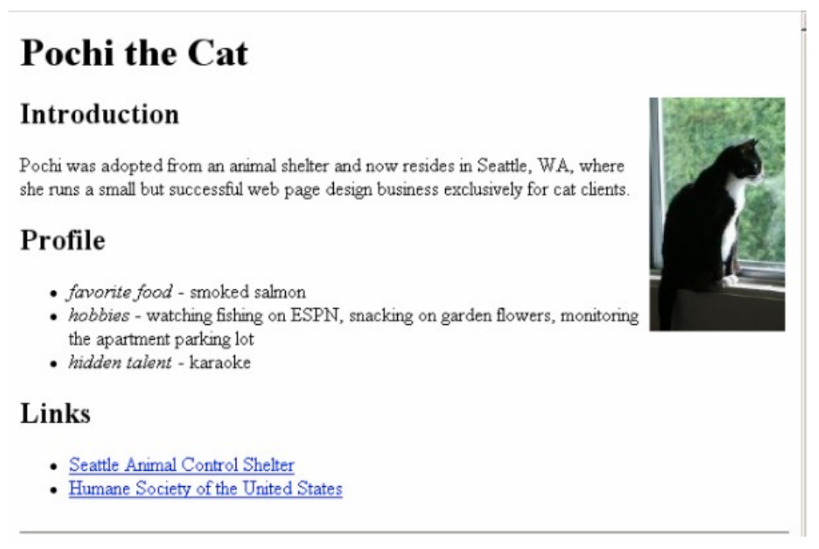
<li><a href="abc.com">Humane Society of the United States</a></li>

</ul>

</body>

</html>

Output



Cycle - 2

1. Create links to three different pages on three different websites that should all open in a new window.

Code:

<html>

<head>

<title>1</title>

</head>

<body bgcolor="yellow">

<center>

<a href="https://www.youtube.com/" target="\_blank">Youtube</a>

<br>

<a href="https://www.flipkart.com/" target="\_blank">Flipkart</a>

<br>

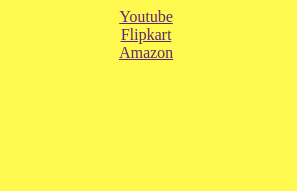
<a href="https://www.amazon.in/" target="\_blank">Amazon</a>

</center>

</body>

</html>

Output



1. Create a HTML page with different types of frames such as floating frame, navigation frame & mixed frame.

Code:  
Floating Frame

<html>

<head>

<title>Floating Frame</title>

</head>

<body bgcolor="blue">

<center>

<h1>Floating Frame !!!!!</h1>

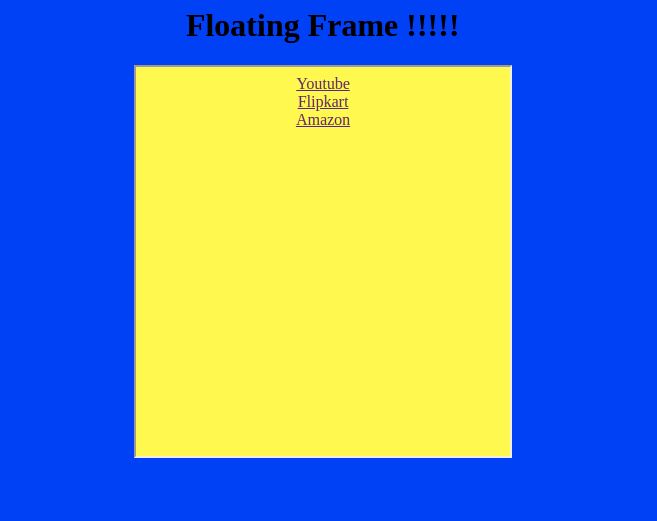
<iframe src="1.html" height="50%" width="50%"></iframe>

</center>

</body>

</html>

Output



Navigation Frame

<html>

<head>

<title>2 Navigation frame</title>

</head>

<frameset cols="20%,80%" rows="100%">

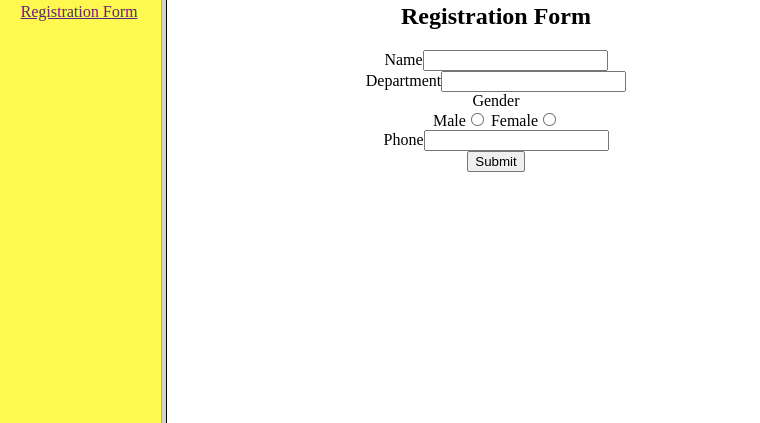
<frame src="2.2res.html" />

<frame name="x" />

</frameset>

</html>

Output



2.2res.html

<html>

<head>

<title>2 Navigation frame</title>

</head>

<frameset cols="20%,80%" rows="100%">

<frame src="2.2res.html" />

<frame name="x" />

</frameset>

</html>

Mixed Frame

<html>

<frameset rows="100%" cols="50%,50%">

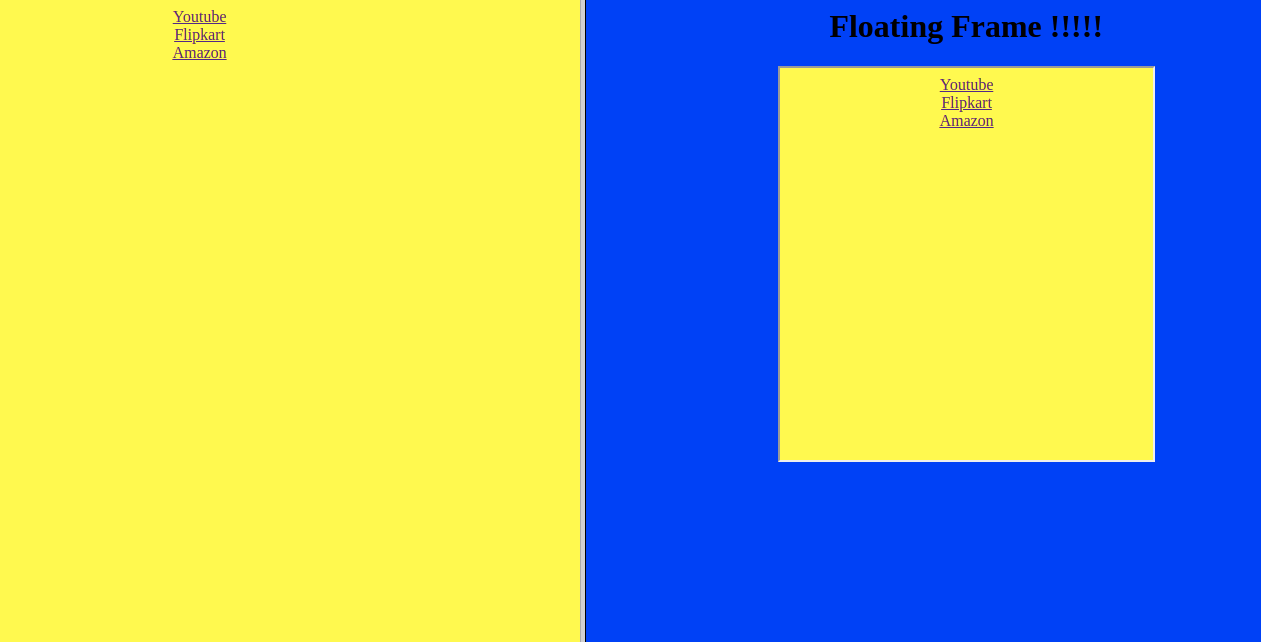
<frame src="1.html" />

<frame src="2.html" />

</frameset>

</html>

Output



1. Create a HTML file by applying the different styles using inline, external &amp; internal style sheets.

Code:

<html>

<head>

<link rel="stylesheet" href="3style.css">

<style>

h1{

color:green;

}

</style>

</head>

<body>

<h1>green</h1>

<p style="color:red;">It is in red color</p>

</body>

</html>

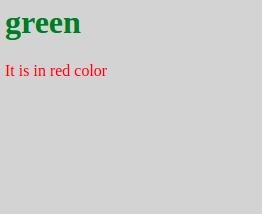
3style.css

body{

background-color:lightgray;

}

Output



1. Create a registration form using HTML.

Code:

<html>

<head>

<title>Reg form</title>

</head>

<body>

<center>

<h2>Registration Form</h2>

<form action="" >

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

<br>

Department<input type="text" name="dept">

<br>

Gender <br>

Male<input type="radio" name="gn" value="1">

Female<input type="radio" name="gn" value="0">

<br>

Phone<input type="text" name="no">

<br>

<input type="submit" name="sub">

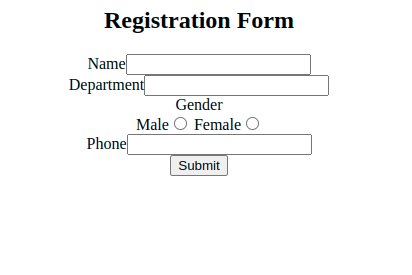
</form>

</center>

</body>

</html>

Output



1. Create an HTML page using frames which are similar to the following one.In the left frame provide hyperlinks to 3 important monuments in the world. On clicking that hyperlink an image of the monument should be displayed in the right frame with a suitable description.

Code:

<html>

<head>

<title>5</title>

</head>

<frameset rows="100%" cols="50%,50%">

<frame src="5reslink.html" />

<frame name="x" />

</frameset>

</html>

5\_m1.html

<html>

<head>

<title>cycle-2 -> q5 ->res1</title>

</head>

<body>

<center>

<br>

<h2><u><b>Taj Mahal</b></u></h2>

<img src="tajmahal.jpg" HEIGHT="250PX" WIDTH="360PX">

<br>

<p>Mumtaz Mahal died in 1631 in Burhanpur, Deccan (present-day Madhya Pradesh), during the birth of her 14th child, a daughter named Gauhar Ara Begum.[15] Shah Jahan had the Taj Mahal built as a tomb for her, which is considered to be a monument of undying love. </p>

</center>

</body>

</html>

5\_m2.html

<html>

<head>

<title>cycle-2 -> q5 ->res2</title>

</head>

<body>

<center>

<br>

<h2><u><b>Tipu Sulthan Palace</b></u></h2>

<img src="tipu.jpg" height="280px" width="430px">

<p>Tipu Sultan's Summer Palace, in Bangalore, India, is an example of Indo-Islamic architecture and was the summer residence of the Mysorean ruler Tipu Sultan. Hyder Ali commenced its construction within the walls of the Bangalore Fort, and it was completed during the reign of Tipu Sultan in 1791. After Tipu Sultan's death in the Fourth Anglo-Mysore War, the British Administration used the palace for its secretariat before moving to Attara Kacheri in 1868. Today the Archaeological Survey of India maintains the palace, which is located at the center of Old Bangalore near the Kalasipalya bus stand, as a tourist spot. Entry fee is ₹20 for Indian citizens, while for foreign visitors is ₹200 (US$2.50).</p>

</center>

</body>

</html>

5\_m3.html

<html>

<head>

</head>

<body>

<center>

<br>

<u><b><h2>Qutab Minar</h2></b></u>

<img src="qutab\_minar.jpg" height="350px" width="460px">

<p>There are several reasons why the 72.5-metre-high Qutub Minar has come to be known as Delhi’s enduring symbol. It is the world’s tallest brick tower and one of the finest specimens of Islamic craftsmanship as well. Situated in a lush green complex of monuments and ruins in the Mehrauli Archaeological Park, formerly called Qila Rai Pithora, this UNESCO World Heritage Site attracts around three million visitors annually.</p>

</center>

</body>

</html>

5reslink.html

<html>

<head>

<title>5 resouce</title>

</head>

<body>

<u><b><h2>Monuments in India</h2></b></u>

<a href="5\_m1.html" target="x">Tajmahal</a><br>

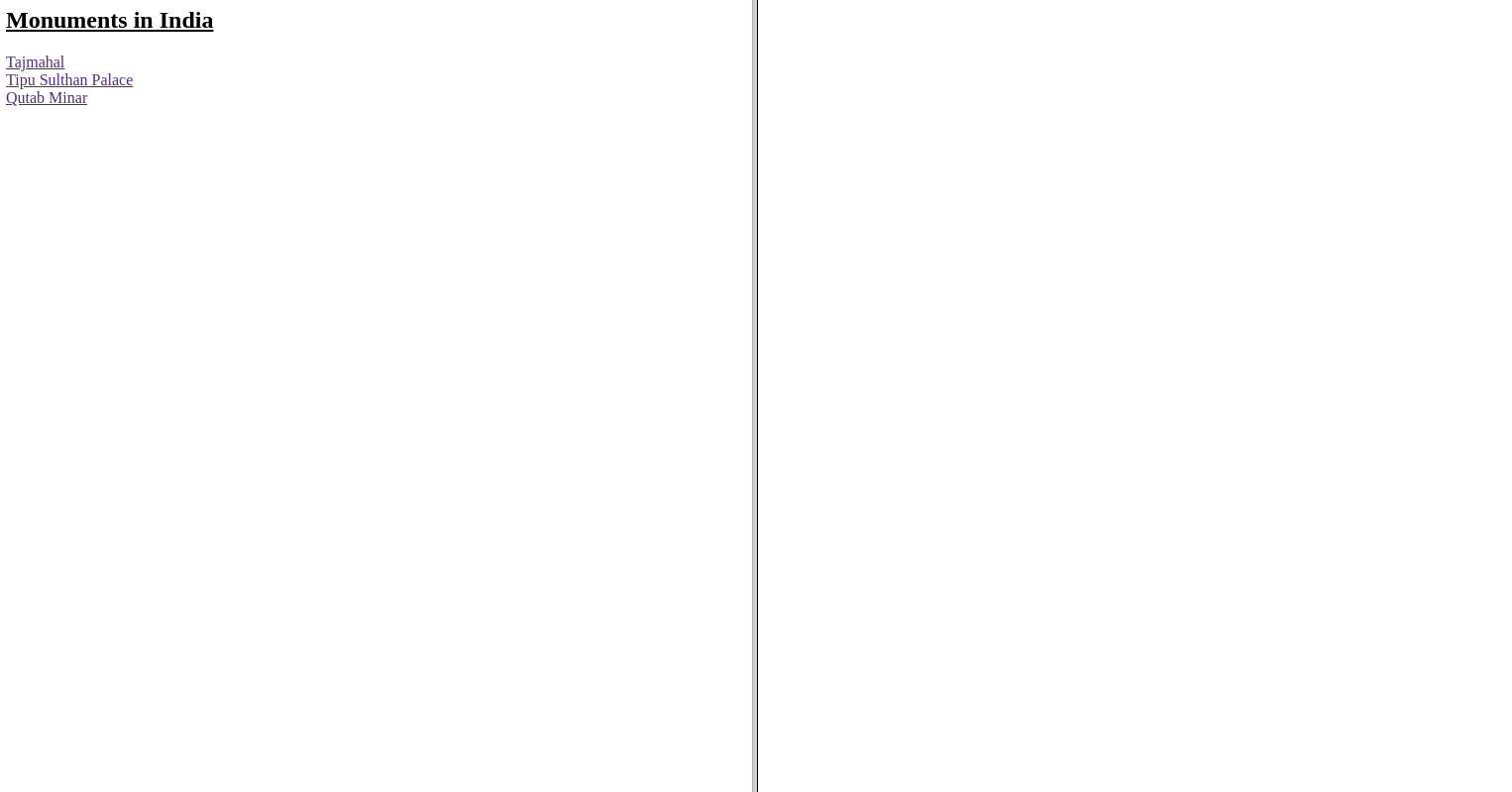
<a href="5\_m2.html" target="x">Tipu Sulthan Palace</a><br>

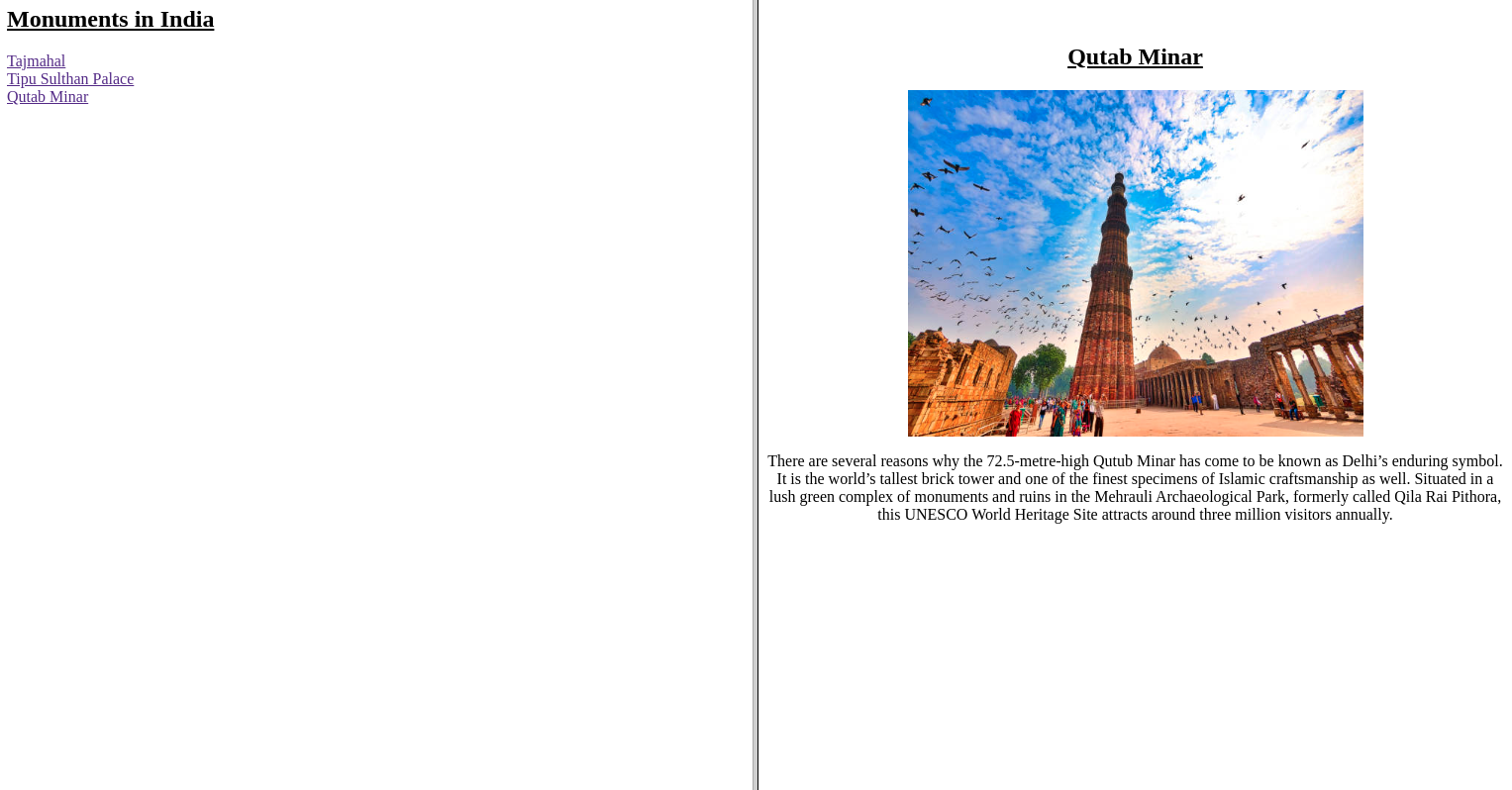
<a href="5\_m3.html" target="x">Qutab Minar</a>

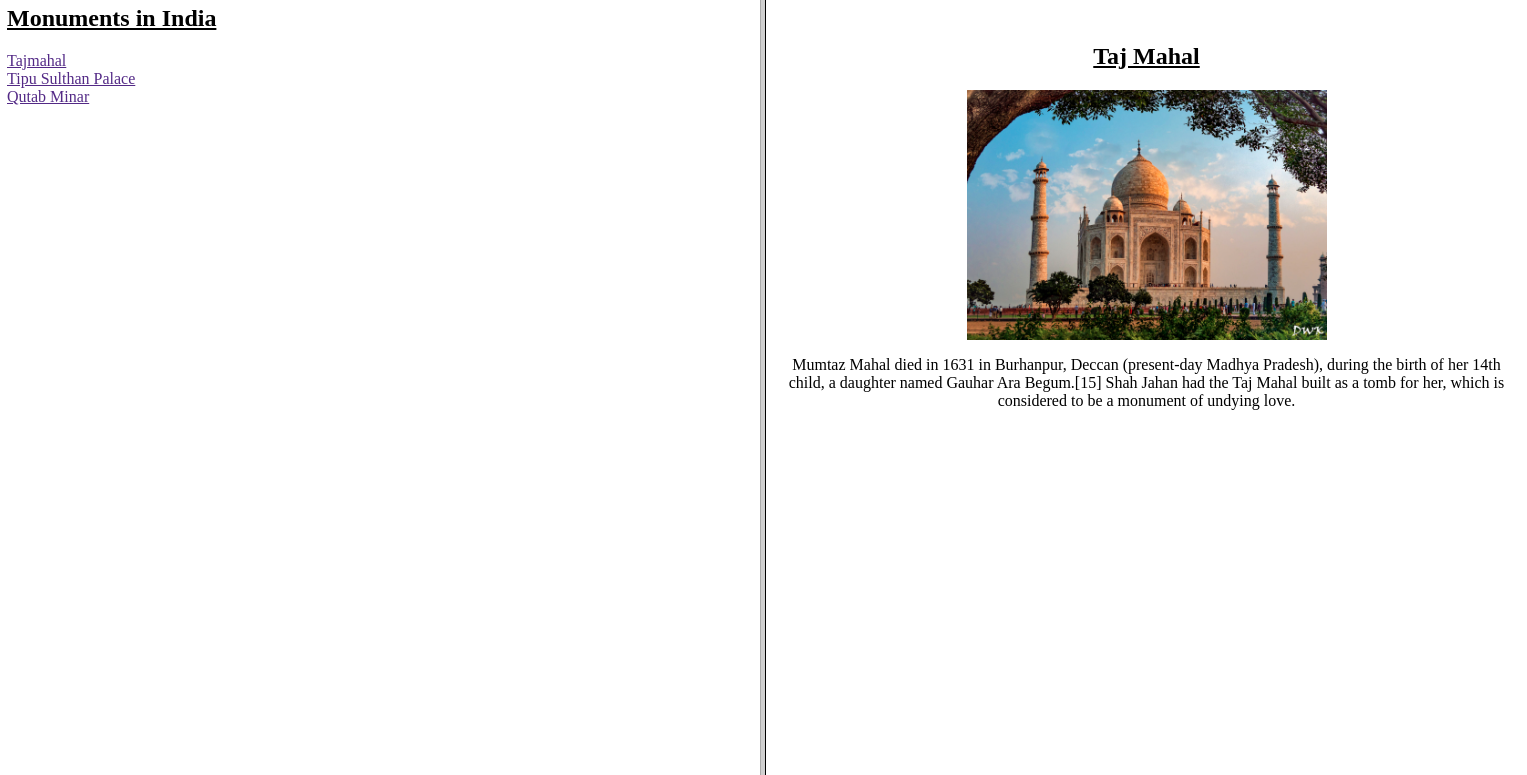
</body>

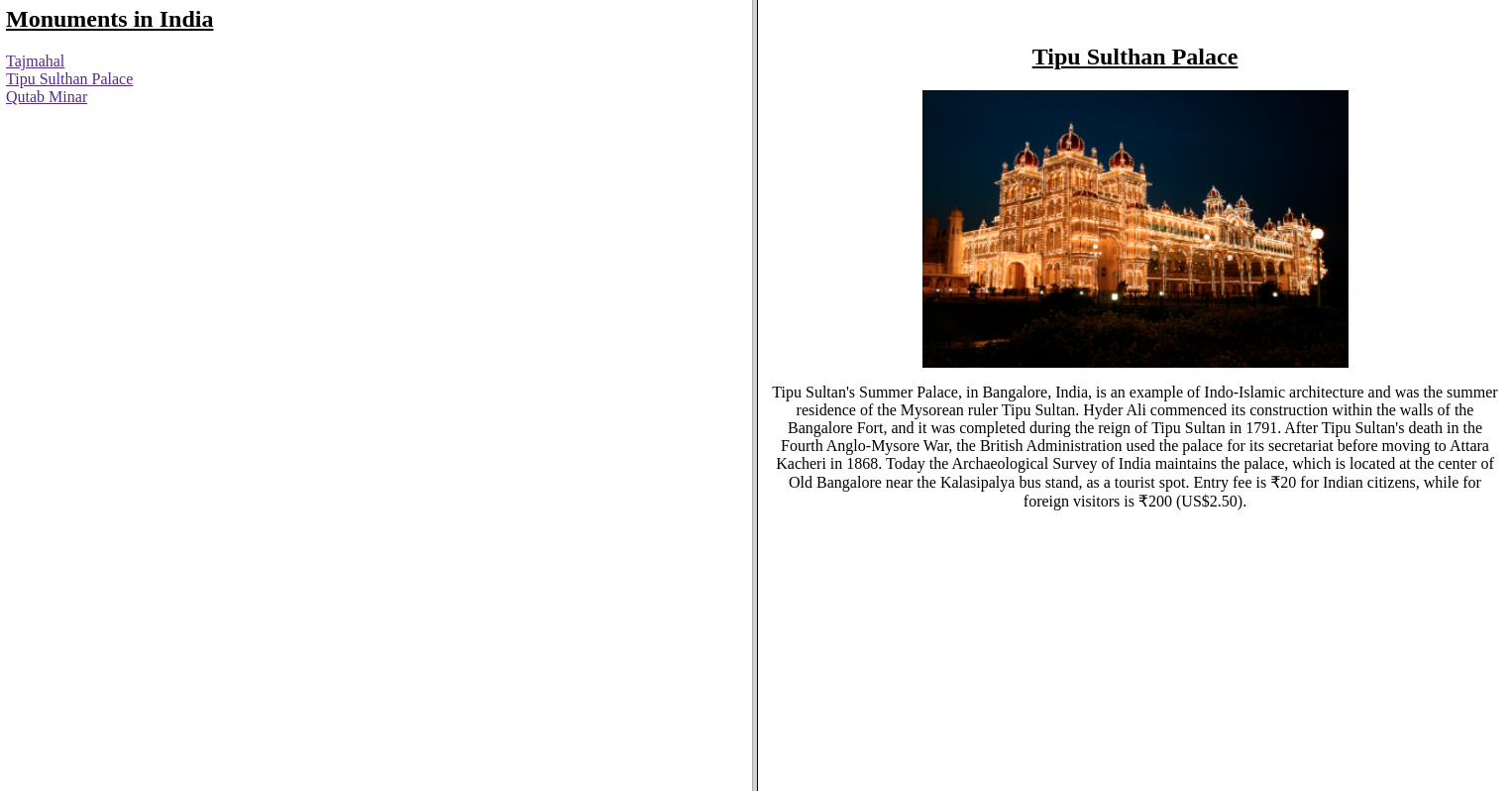
</html>

Output









1. Make up three image links for 3 web browsers and put them in a borderless table. Construct the table so that there is just a little space between the images.

Code:

<html>

<head>

<title>Image Link</title>

</head>

<body>

<center>

<table>

<tr>

<td>

<a href="https://www.amazon.in/" target="\_blank">

<img src="/home/sjcet/ashin/wp/web\_pgm\_cycles/cycle 2/resource/amazon.jpg" width="55px" height="50px">

</a>

</td>

<td>

<a href="https://www.flipkart.com/" target="\_blank">

<img src="/home/sjcet/ashin/wp/web\_pgm\_cycles/cycle 2/resource/flipkart.png" width="55px" height="50px">

</a>

</td>

<td>

<a href="https://www.youtube.com/" target="\_blank">

<img src="/home/sjcet/ashin/wp/web\_pgm\_cycles/cycle 2/resource/youtube.png" width="55px" height="50px">

</a>

</td>

</tr>

</center>

</body>

</html>

Output



Cycle - 3

1. Create all <p> elements will be center-aligned, with a red text color.

Code:

<html>

<head>

<title>1</title>

</head>

<body>

<center>

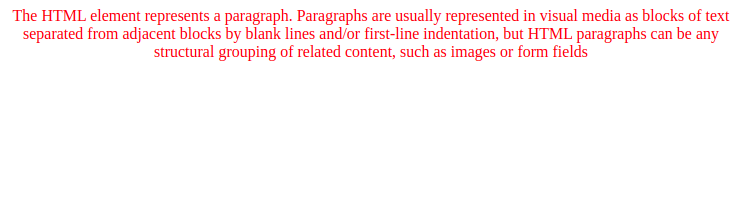
<p style="color:red">The HTML element represents a paragraph. Paragraphs are usually represented in visual media as blocks of text separated from adjacent blocks by blank lines and/or first-line indentation, but HTML paragraphs can be any structural grouping of related content, such as images or form fields</p>

</center>

</body>

</html>

Output



1. Set the background color for the page to “linen” and the background color for <h1> to “lightblue”.

Code:

<html>

<head>

<title>2</title>

<style>

h1{

background-color:lightblue;

}

</style>

</head>

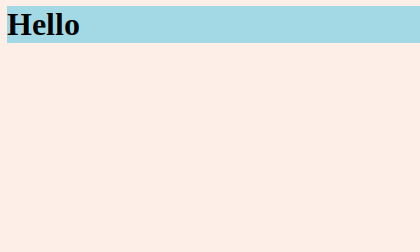
<body bgcolor="linen">

<h1>Hello</h1>

</body>

</html>

Output



1. Add an external style sheet with the URL: “mystyle.css”.

Code:

<html>

<head>

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

</head>

<body align="center">

<h1>Hello world</h1>

<p>The HTML element represents a paragraph. Paragraphs are usually represented in visual media as blocks of text separated from adjacent blocks by blank lines and/or first-line indentation, but HTML paragraphs can be any structural grouping of related content, such as images or form fields</p>

</body>

</html>

Mystyle.css

body{

background-color:"lightrose"

}

h1{

color:red;

background-color:lightblue;

}

p{

color:blue;

background-color:lightyellow;

}

Output



1. Set “background-color: linen” for the page, using an inline style.

Code:

<html>

<head>

<title>4</title>

</head>

<body bgcolor="linen">

</body>

</html>

Output



1. Set “background-color: linen” for the page, using an internal style sheet.

Code:

<html>

<head>

<title>5</title>

<style>

body{

background-color:linen;

}

</style>

</head>

<body>

</body>

</html>

Output



1. Set the background color for visited and unvisited links to “lightblue”, and the background color for the hover and active link states to “yellow”

Code:

<html>

<head>

<title>6</title>

<style>

a:visited{

background-color:lightblue;

}

a:link{

background-color:lightblue;

}

a:hover{

background-color:yellow;

}

a:active{

background-color:yellow;

}

</style>

</head>

<body>

<a href="https://sjcetpalai.ac.in/" target="\_blank">www.sjcetpalai.ac.in</a>

</body>

</html>

Output



Cycle - 4

1. Create a HTML page to explain the use of various predefined functions in a string and math object in java script.

Code:

<html>

<body>

<label>Enter a string:</label><input type="text" name="str" id="str1"><br>

<br><label>enter number</label>

<input type="text" name="text1" id="idno1">

<br><br><label>enter power</label>

<input type="text" name="text2" id="idno2">

<script language="javascript" type="text/javascript">

function add()

{var a,b,c,n,m,i,s,sl,sli;

s=(document.getElementById("str1").value);

sl=s.length;

sli=s.slice(5,11);

a=(document.getElementById("idno1").value);

b=(document.getElementById("idno2").value);

c=Math.pow(a,b);

n=Math.sqrt(a);

m=Math.ceil(a);

i=Math.floor(a);

(document.getElementById("strlen").value)=sl;

(document.getElementById("strsli").value)=sli;

(document.getElementById("ans").value)=c;

(document.getElementById("sqr").value)=n;

(document.getElementById("ceil").value)=m;

(document.getElementById("floor").value)=i;

}

</script>

<br><br><button onclick="add()">Get Result</button><br><br><label>Length of the

String :</label><input type="text" id="strlen"><br><br>

<label>Slice String :</label><input type="text" id="strsli"><br><br>

<label><b><u>Power of a number</u></b></label><br><input type="text" id="ans">

<br><br><label><u><b>Squareroot of the number</b></u></label><br>

<input type="text" id="sqr">

<br><br><label><u><b>Ceil of the number</b></u></label><br>

<input type="text" id="ceil">

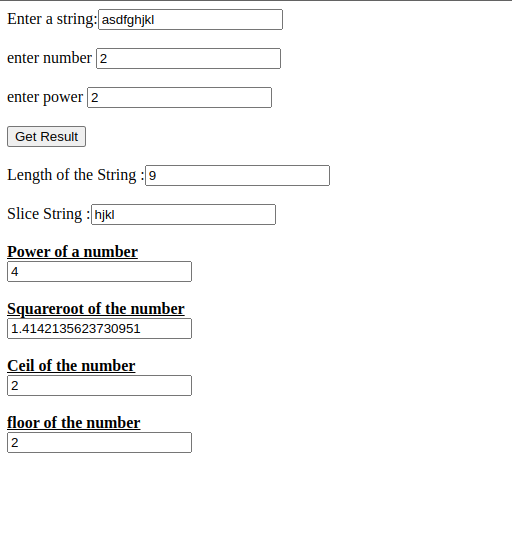
<br><br><label><u><b>floor of the number</b></u></label><br>

<input type="text" id="floor">

</body>

</html>

Output



1. Generate the calendar using JavaScript code by getting the year from the user.

Code:

<html>

<body>

YEAR : <input type="text" id="year\_get"><br>

MONTH : <input type="text" id="month\_get"><br>

<input type="button" id="subtn" value="Display Calender" onclick="generate()" ><br>

<div id="content"> </div>

</body>

<script>

function generate()

{

var init\_content = "<table BORDER=1id='calender'><tr><th>Sun</th><th>Mon</th><th>Tue</th><th>Wed</th><th>Thu</th><th>Fri</th><th>Sat</th></tr><tr>"

var year\_get = document.getElementById("year\_get").value;

var month\_get = document.getElementById("month\_get").value;

month\_get -=1;

var date = new Date(year\_get,month\_get);

var day = date.getDay();

for (var i = 0; i < day; i++)

{

init\_content += "<td></td>";

}

while (date.getMonth() == month\_get)

{

init\_content += "<td>" + date.getDate() + "</td>";

if (date.getDay() == 6)

{

init\_content += "</tr><tr>";

}

date.setDate(date.getDate() + 1);

}

init\_content += "</table>"

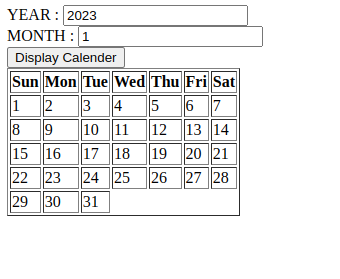
document.getElementById("content").innerHTML = init\_content;

}

</script>

</html>

Output



1. Create a HTML registration form and to validate the form using JavaScript code.

Code:

<html>

<head>

<script type="text/javascript">

function check()

{

if(document.getElementById('name').value == "")

alert("Please enter your name");

if(document.getElementById('user').value == "")

alert("Please enter a username");

var email = document.getElementById('mail');

var filter = /^([a-zA-Z0-9\_\.\-])+\@(([a-zA-Z0-9\-])+\.)+([a-zA-Z0-9]{2,4})+$/;

if (!filter.test(email.value))

{

alert('Please enter a valid email address');

}

if((document.getElementById('pswd').value == "") &&

(document.getElementById('cpswd').value == ""))

alert("Please enter your password");

if((document.getElementById('pswd').value) !=

(document.getElementById('cpswd').value))

alert("Password doesnot match");

}

</script>

</head>

<body>

<form>

<u><h1>REGISTRATION</h1></u>

Name : <input type="text" id="name"><br><br>

Username : <input type="text" id="user"><br><br>

Email : <input type="text" id="mail"><br><br>

Password : <input type="password" id="pswd"><br><br>

Confirm password : <input type="password" id="cpswd"><br><br>

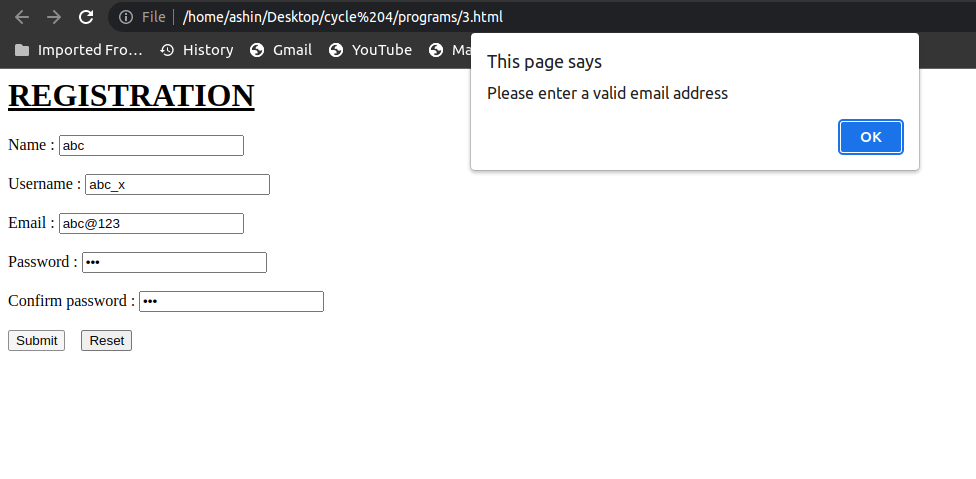
<input type="submit" id="submit" onclick="check()">&emsp;<input type="reset">

</form>

</body>

</html>

Output



1. Evaluating JavaScript Event Handling for every click of a button to change the background color of a HTML page.

Code:

<html>

<body>

<script>

function change()

{

var color = "#" + Math.random().toString(16).slice(2,8);

document.body.style.backgroundColor = color;

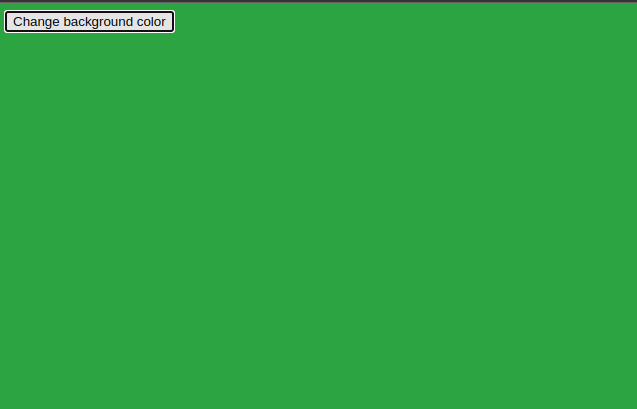
}

</script>

<button type="submit" onclick="change()">Change background color</button>

</body>

</html>

Output

1. Create a HTML page to display a new image and text when the mouse comes over the existing content in the page using JavaScript Event Handling.

Code:

<html >

<body>

<div class="a" id="a">

<img src="/home/sjcet/ashin/wp/web\_pgm\_cycles/cycle 4/resources/a.jpg" id="image"><br><br>

<h1 id="text1">Good morning..... </h1>

<h1 id="text2">Good night....</h1>

</div>

<script>

document.getElementById("a").addEventListener("mouseover",ab);

document.getElementById("a").addEventListener("mouseout",bc);

function ab() {

document.getElementById('image').src = "/home/sjcet/ashin/wp/web\_pgm\_cycles/cycle 4/resources/moon.jpg";

document.getElementById('text1').style.display="none";

document.getElementById('text2').style.display="block"

}

function bc() {

document.getElementById('image').src = "/home/sjcet/ashin/wp/web\_pgm\_cycles/cycle 4/resources/a.jpg";

document.getElementById('text1').style.display="block";

document.getElementById('text2').style.display="none";

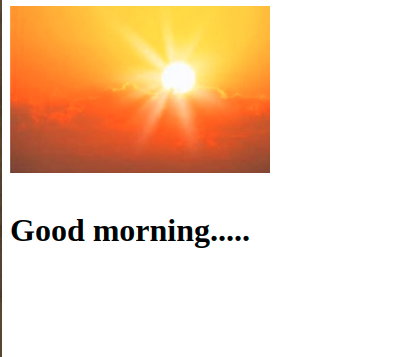
}

</script>

</body>

</html>

Output



1. Create a HTML page to show online exams using JavaScript.

Code:

<html>

<head>

<script type="text/javascript">

var i=0;

function exam()

{

if(document.f1.n1[0].checked)

i=i+1;

if(document.f1.n2[0].checked)

i=i+1;

alert("your score is"+i+"/2");

}

</script>

</head>

<body>

<h2>Online Exam</h2>

<form name="f1">

<h3>spelling of 2</h3>

<input type="radio" id="2" name="n1" value="two">two

<input type="radio" id="2" name="n1" value="tow">tow

<h3>which is odd number</h3>

<input type="radio" id="1" name="n2" value="1">1

<input type="radio" id="1" name="n2" value="2">2

<br>

<br>

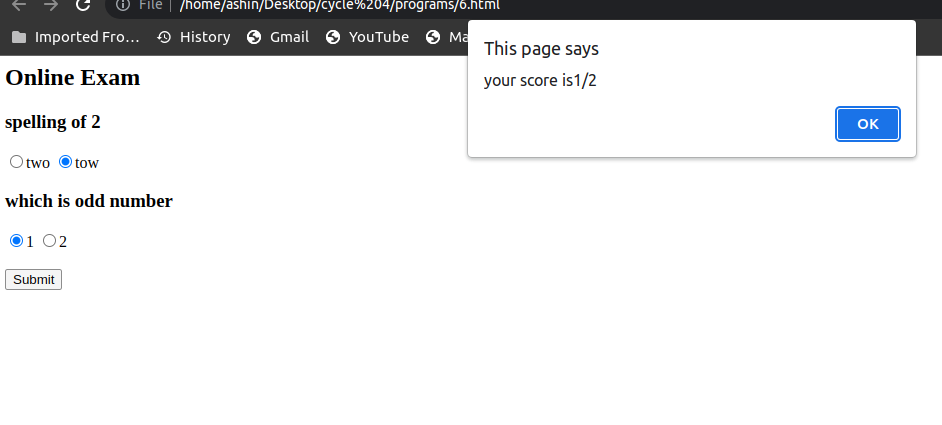
<input type="submit" value="Submit" onclick="exam()">

</form>

</body>

</html>

Output



CYCLE - 5

# Outline a registration form using PHP and do necessary validations.

Code:

<html>

<body>

<h1>Registration form</h1>

<form action = "" method = "POST">

Username : <input type="text" name="username"><br> <br>

Email : <input type="text" name="email"><br> <br>

Password : <input type="text" name="pass"><br> <br>

Confirm password : <input type="text" name="cpass"><br> <br>

<input type="submit" value="Register">

<?php

if (empty($\_POST['username']) ||

empty($\_POST['pass']) ||

empty($\_POST['email']) ||

empty($\_POST['cpass']))

{

die("Please fill all required fields!");

}

if ($\_POST['pass'] != $\_POST['cpass'])

{

die ('Password and confirm password should match');

}

else

{

die("successfull");

}

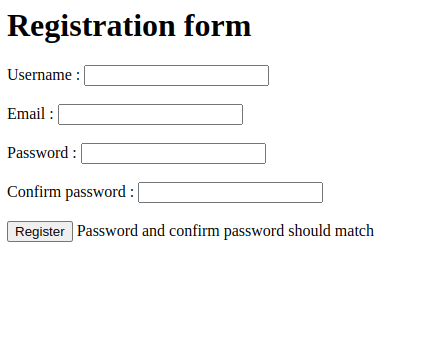
?>

</form>

</body>

</html>

Output



1. Compose Electricity bill from user input based on a given tariff using PHP.

Code:

<html>

<head>

<title>Electricity Bill</title>

</head>

<?php

$result\_str = $result = '';

if (isset($\_POST['unit-submit']))

{

$units = $\_POST['units'];

if (!empty($units)) {

$result = calculate\_bill($units);

$result\_str = 'Total amount of ' . $units . ' - ' . $result;

}

}

function calculate\_bill($units)

{

$unit\_cost\_first = 3.50;

$unit\_cost\_second = 4.00;

$unit\_cost\_third = 5.20;

$unit\_cost\_fourth = 6.50;

if($units <= 50)

{

$bill = $units \* $unit\_cost\_first;

}

else if($units > 50 && $units <= 100)

{

$temp = 50 \* $unit\_cost\_first;

$remaining\_units = $units - 50;

$bill = $temp + ($remaining\_units \* $unit\_cost\_second);

}

else if($units > 100 && $units <= 200)

{

$temp = (50 \* 3.5) + (100 \* $unit\_cost\_second);

$remaining\_units = $units - 150;

$bill = $temp + ($remaining\_units \* $unit\_cost\_third);

}

else

{

$temp = (50 \* 3.5) + (100 \* $unit\_cost\_second) + (100 \* $unit\_cost\_third);

$remaining\_units = $units - 250;

$bill = $temp + ($remaining\_units \* $unit\_cost\_fourth);

}

return number\_format((float)$bill, 2, '.', '');

}

?>

<body>

<div id="page-wrap">

<h1>Electricity Bill</h1>

<form action="" method="post" id="quiz-form">

<input type="number" name="units" id="units" placeholder="Please enter no. of Units"/>

<input type="submit" name="unit-submit" id="unit-submit" value="Submit"/>

</form>

<div>

<?php echo '<br />' . $result\_str; ?>

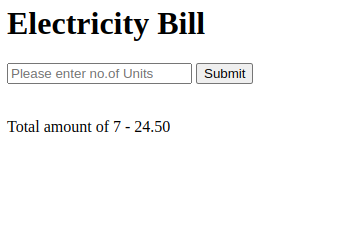
</div>

</div>

</body>

</html>

Output



1. Build a PHP code to store the name of students in an array and display it using print\_r function. Sort and Display the same using asort & arsort functions.

Code:

<?php

$a = array("Martin", "Ashin", "Christin","Denzel");

print\_r($a);

echo("<br>Ascending order : ");

asort($a);

print\_r($a);

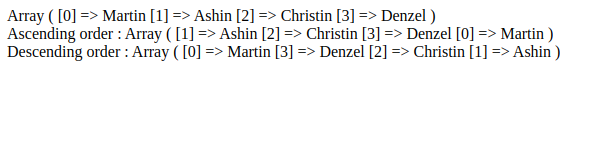
echo("<br>Descending order : ");

arsort($a);

print\_r($a);

?>

Output



1. Build a PHP code to store names of Indian Cricket players in an array and display the same in the HTML table.

Code:

<?php

$cricket=array(array('M S Dhoni',40),

array('Virat Kohli',33),

array('Sachin Tendulkar',48),

array('Rohit Sharma',36),

array('Sanju Samson',28));

?>

<html>

<table border="1"><tr><th>Name</th><th>Age</th></tr>

<tr><td><?php echo $cricket[0][0] ?></td><td><?php echo $cricket[0][1]?></td></tr>

<tr><td><?php echo $cricket[1][0] ?></td><td><?php echo $cricket[1][1]?></td></tr>

<tr><td><?php echo $cricket[2][0] ?></td><td><?php echo $cricket[2][1]?></td></tr>

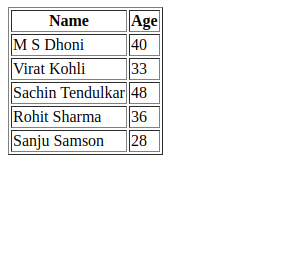
<tr><td><?php echo $cricket[3][0] ?></td><td><?php echo $cricket[3][1]?></td></tr>

<tr><td><?php echo $cricket[4][0] ?></td><td><?php echo $cricket[4][1]?></td></tr>

</table>

</html>

Output



1. Develop a PHP program to connect to a database and retrieve data from a table and show the details in a neat format.

Code:

**View.php**

<?php

include "config.php";

$sql = " SELECT \* FROM `local` " ;

$result=$conn->query($sql);

?>

<html>

<head>

<title>view page</title>

</head>

<body>

<div class="container">

<h2>VIEW</h2>

<table border="1">

<tr>

<th>sino</th>

<th>Name</th>

<th>Email</th>

<th>Password</th>

</tr>

<?php

if($result->num\_rows>0)

{

while($row=$result->fetch\_assoc())

{

?>

<tr>

<td><?php echo $row['sino'];?></td>

<td><?php echo $row['name'];?></td>

<td><?php echo $row['email'];?></td>

<td><?php echo $row['password'];?></td>

<?php

}

}

?>

</table>

</html>

**Reg.php**

<?php

include "config.php";

if(isset($\_POST['submit']))

{

$name=$\_POST['name'];

$email=$\_POST['email'];

$password=$\_POST['password'];

$sql = "INSERT INTO `local` ( `name`, `email`, `password`) VALUES ( '$name', '$email',

'$password')";

$result=$conn->query($sql);

if($result==TRUE)

{

echo "new record created successfully";

}

else

{

echo "Error".$sql."<br>".$conn->error;

}

$conn->close();

}

?>

<html>

<body>

<h2> Signup Form </h2>

<form action="" method="POST">

<fieldset>

<legend> Personal Information </legend>

First Name:<br>

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

<br>

Email:

<br>

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

<br>

Password:<br>

<input type="password" name="password">

<br><br>

<input type="submit" name="submit" value="submit">

<br>

<a href="view.php" >VIEW DATA</a>

</fieldset>

</body>

</html>

**Config.php**

<?php

$mysql\_host="localhost";

$mysql\_user="22mca035";

$mysql\_password="2533";

$conn=mysqli\_connect($mysql\_host,$mysql\_user,$mysql\_password);

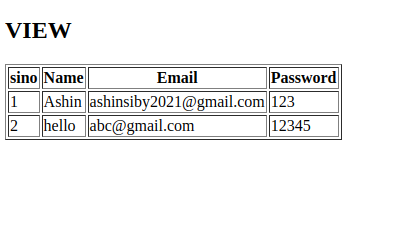
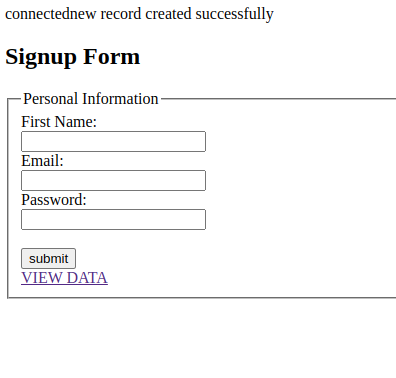
if(mysqli\_select\_db($conn,'22mca035'))

{echo 'connected';}

else{echo 'falied';}

?>

Output



1. Using PHP and MySQL, develop a program to accept book information viz. Accession number, title, authors, edition and publisher from a web page and store the information in a database and to search for a book with the title specified by the user and to display the search results with proper headings.

Code:

Insert.php

<?php

include "bookconnect.php";

if(isset($\_POST['submit']))

{

$ano=$\_POST['ano'];

$title=$\_POST['title'];

$author=$\_POST['author'];

$edition=$\_POST['edition'];

$publisher=$\_POST['publisher'];

$sql = "INSERT INTO `books` ( `ano`,`title`, `author`, `edition`, `publisher`)

VALUES ( '$ano','$title', '$author', '$edition', '$publisher')";

$result=$conn->query($sql);

if($result==TRUE)

{

echo "new record created successfully";

}

else

{

echo "Error".$sql."<br>".$conn->error;

}

$conn->close();

}

?>

<html>

<head>

<title>newcustomer</title>

</head>

<body>

<form method="POST" action="">

<h1>Register</h1><br>Ano<br>

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

<br><br>Title<br>

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

<br>Author<br>

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

<br>Edition<br>

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

<br>Publisher<br>

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

<br>

<input type="submit" name="submit" value="register">

<br><br><br><br><br>

<a href="booksearch.php" >VIEW DATA</a>

</form>

</body>

</html>

Booksearch.php

<?php

require "bookconnect.php";

if(isset($\_POST['sub']))

{ $bookhead=$\_POST['btitle'];

$store = "SELECT \* FROM `books` WHERE `title` = '$bookhead'";

$result=$conn->query($store);

if($result=mysqli\_query($conn,$store))

{

while($query\_execute=mysqli\_fetch\_assoc($result))

{

?><table border="1"><tr><th>sino</th><th>title</th><th>author</th><th>edition</th><th>publisher</th></tr>

<tr><td><?php echo $query\_execute["ano"];?></td>

<td><?php echo $query\_execute["title"];?></td>

<td><?php echo $query\_execute["author"];?></td>

<td><?php echo $query\_execute["edition"];?></td>

<td><?php echo $query\_execute["publisher"];?></td></tr></table>

<?php }

}$con->close();

}

?>

<html>

<head>

<title>book search</title>

</head>

<body><form method="POST" action="">

<label>enter the title</label>

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

<input type="submit" name="sub" value="submit">

<a href="insert.php" >ADD DATA</a>

</form>

</body>

</html>="submit">

<a href="insert.php" >ADD DATA</a>

</form>

</body>

</html>

Bookconnect.php

<?php

$mysql\_host='localhost';

$mysql\_user='22mca035';

$mysql\_password='2533';

$conn=mysqli\_connect($mysql\_host,$mysql\_user,$mysql\_password);

if(mysqli\_select\_db($conn,'22mca035'))

{echo 'connection successful';

}

else{

echo 'connection failed';

}

?>

Output

