

Name: Krishant Chauhan

Course: BCA -5A

Roll no. 1921085

Subject: Web Development

1. Design resume using HTML.

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <link rel="stylesheet" href="style.css">
    <title></title>
  </head>
  <body>

    <table width="100%">
      <tr>
        <td>
          <h2> Krishant Chauhan </h2>
        </td>
        <td align="right">
          Ph: +91 7017335516 <br>
          Email: krashantchauhan@gmail.com
        </td>
      </tr>
    </table>
    <hr>

    <h4><u>Objective</u></h4>
    <p>To work in challenging & dynamic environment and to keep value adding for the organisation which I will serve and represent myself to contribute to the best of my abilities.</p>
    <br>

    <div>
      <h4><u>Professional Qualification</u> :-</h4>
      <ul>
        <li>Chartered Accountancy Final from Institute of Chartered Accountants of India (ICAI) in Nov 2006 secured 40th rank with 70% marks.</li>
        <li>Chartered Accountancy PE -II from the Institute of Chartered Accountants of India (ICAI) in May 2003 with 73% marks</li>
      </ul>
    </div>

    <div>
      <h4><u>Academic Qualification</u> :-</h4>
      <ul>
        <li>B.Com(Hons.) from Abc University in 2001 with 71% marks.</li>
        <li>Higher Secondary from WBCHSE in 1998 with 70% marks.</li>
        <li>Matriculation from WBCHSE in 1996 with 75% marks.</li>
      </ul>
    </div>

    <div>
      <h4><u>Articleship Training</u></h4>
      <p>Abc & Co. <br>Time Period: April 2004 to till date.</p>
    </div>
  </div>
```

<h4><u>Training Exposure</u> :-</h4>

Preparation of Project Report for debt syndication.

Sending Proposal to Bankers, meeting with project finance department to pursue the project loan.

Reply of additional detail to bankers as and when required by them.

Collection and analysis of data on behalf of ABC Ltd. for conducting credit Rating.

Statutory audit of clients like:

Tax Audit of various companies and individuals.

Preparations and finalisation of accounts.

</div>

<div>

<h4><u>Computer Proficiency</u> :-</h4>

Conversant with Computer based environment-having knowledge in MS Office(Word/Excel &PowerPoint), Internet Applications, Accounting Software(TALLY)

</div>

<div>

<h4><u>Achievements</u> :-</h4>

Ranked 40th in CA Final Examination.

Ranked 3rd in B.Com Examination in the College.

</div>

<div>

<h4><u>Extra Curricular Activities</u> :-</h4>

Participated in Quiz contests and Curricular activities at school level.

Listening music.

Played as Captain of School and College Cricket Team.

</div>

<div>

<h4><u>Personal Information</u></h4>

<table cellpadding = "10">

<tr>

<td> Date of Birth</td>

<td>26th March 1985 </td>

</tr>

<tr>

<td> Nationality</td>

<td>Indian</td>

</tr>

<tr>

<td> Languages Known </td>

<td> English, Hindi and Bengali

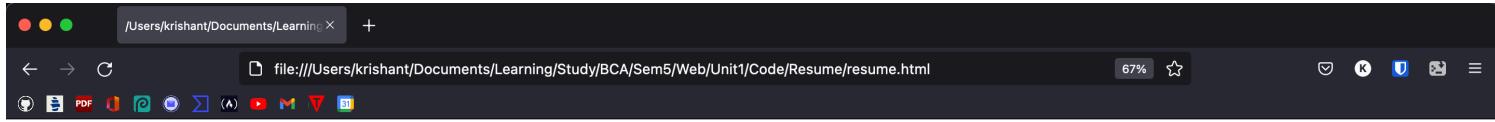
</tr>

<tr>

```

<td> Address </td>
<td> 180 M G Road, Kolkata-700007.
</tr>
</table>
</div>
</body>
</html>

```



Krishant Chauhan

Ph: +91 7017335516
Email: krashantchauhan@gmail.com

Objective

To work in challenging & dynamic environment and to keep value adding for the organisation which I will serve and represent myself to contribute to the best of my abilities.

Professional Qualification :-

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Abc & Co.
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 - Tax Audit of various companies and individuals.
 - Preparations and finalisation of accounts.

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- Ranked 3rd in B.Com Examination in the College.

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- Listening music.
- Played as Captain of School and College Cricket Team.



2. Design a Marksheets using HTML

SESSIONAL MARKS		END SEMESTER MARKS		TOTAL MARKS OBTAINED		GRADE		GRADE POINT			
</th>		</th>		</th>		</th>		</th>			
<th>CODE</th>		<th>NAME</th>		<th>Max.</th>		<th>obt.</th>		<th>			
<th>Max.</th>		<th>Obt.</th>		<th>Max.</th>		<th>Obt.</th>		<th></th>			
<th></th>		</tr>		<tr>		</tr>		<tr>			
<th rowspan="6">Theory</th>		<td> TBC401 </td>		<td> Database Management System </td>		<td> 3</td>		<td> 25</td>			
		<td> 25</td>		<td> 09</td>		<td> 25</td>		<td> 20</td>			
		<td> 25</td>		<td> 68 </td>		<td> A </td>		<td> 8 </td>			
		</tr>		<tr>		</tr>		<tr>			
		<td> TBC402 </td>		<td> Data Communication and Computer Network</td>		<td> 4</td>		<td> 25</td>			
		<td> 25</td>		<td> 10</td>		<td> 25</td>		<td> 21</td>			
<td> 25</td>		<td> 71 </td>		<td> A </td>		<td> 8 </td>		<td> </td>			
</tr>		<tr>		<td> TBC403 </td>		<td> Introduction to AI and ML</td>		<td> </td>			
<td> </td>		<td> 3</td>		<td> 25</td>		<td> 08</td>		<td> 25</td>			
<td> </td>		<td> 25</td>		<td> 52</td>		<td> B </td>		<td> 19</td>			
</tr>		<tr>		<td> TBC404 </td>		<td> Operating System</td>		<td> </td>			
<td> </td>		<td> 3</td>		<td> 25</td>		<td> 07</td>		<td> 25</td>			
<td> </td>		<td> 34</td>		<td> 61</td>		<td> B+ </td>		<td> 20</td>			
</tr>		<tr>		<td> XBC401 </td>		<td> Career Skills -II</td>		<td> </td>			
<td> </td>		<td> 2</td>		<td> 25</td>		<td> 10</td>		<td> 25</td>			
<td> </td>		<td> 29</td>		<td> 62</td>		<td> B+ </td>		<td> 23</td>			
</tr>		<tr>		<td> MGE401 </td>		<td> Linear Programming and Mathematical Modeling</td>		<td> </td>			
<td> </td>		<td> 4</td>		<td> 25</td>		<td> 19</td>		<td> 25</td>			
<td> </td>		<td> 41</td>		<td> 80</td>		<td> A+ </td>		<td> 20</td>			
</tr>		<tr>		<th rowspan="4"> Practical </th>		<td> PBC401 </td>		<td> </td>			
<td> </td>		<td> Database Management Lab</td>				<td> 2</td>		<td> 25</td>			
<td> </td>		<td> 25</td>				<td> 21</td>		<td> 25</td>			
<td> </td>		<td> 81</td>				<td> A+ </td>		<td> 20</td>			
</tr>		<tr>				<td> 9</td>		<td> 9</td>			

```

<tr>
<td> PBC402 </td>
<td> OS Lab</td>
<td> 2</td><td> 25</td><td> 24</td><td> 25</td><td> 21</td><td> 50</td>
<td> 25</td><td> 70</td><td> A</td><td> 8</td>
</tr>
<tr>
<td> SBC401(E) </td>
<td> MOOCS Based Seminar</td>
<td> 1</td><td> -</td><td> -</td><td> -</td>
<td> 100</td><td> 87</td><td> 87</td><td> O</td><td> 10</td>
</tr>
<tr>
<td> GP401 </td>
<td> General Proficiency</td>
<td> 1</td><td> -</td><td> -</td><td> -</td><td> -</td><td> 100</td>
<td> 83</td><td> 83</td><td> A+</td><td> 9</td>
</tr>
</table>
<br><br>
<b>Result: &nbsp;</b>Pass <br><br>
<b>Total No of Credits registered:&nbsp;</b>25 <br><br>
<b>Total No of Credits Earned:&nbsp;</b>25 <br><br>
<b>SGPA:&nbsp;</b>7.92 <br><br>
<b>CGPA:&nbsp;</b>
<br><br>
</body>
</html>

```

O/P:-

Graphic Era Hill University
Society Area, Clementown Dehradun-248002,Uttarakhand (INDIA)
www.gehu.ac.in

STATEMENT OF MARKS(PROVISIONAL)
BACHELOR OF COMPUTER APPLICATIONS -IV SEMESTER EXAMINATION (2020-21)

Name of Student:		Enrolment No.:		Mid Semester Exam		Sessional Marks		End Semester Marks		Total Marks Obtained		Grade	Grade Point
Code		Subject		Credits	Max.	obt.	Max.	Obt.	Max.	Obt.			
Theory	TBC401	Database Management System		3	25	09	25	20	50	39	68	A	8
	TBC402	Data Communication and Computer Network		4	25	10	25	21	50	40	71	A	8
	TBC403	Introduction to AI and ML		3	25	08	25	19	50	25	52	B	6
	TBC404	Operating System		3	25	07	25	20	50	34	61	B+	7
	XBC401	Career Skills -II		2	25	10	25	23	50	29	62	B+	7
MGE401	Linear Programming and Mathematical Modeling		4	25	19	25	20	50	41	80	A+	9	
Practical	PBC401	Database Management Lab		2	25	21	25	20	50	40	81	A+	9
	PBC402	OS Lab		2	25	24	25	21	50	25	70	A	8
	SBC401(E)	MOOCS Based Seminar		1	-	-	-	-	100	87	87	O	10
	GP401	General Proficiency		1	-	-	-	-	100	83	83	A+	9

Result: Pass

Total No of Credits registered: 25

Total No of Credits Earned: 25

SGPA: 7.92

CGPA:

3. Block Level elements and Text Level Elements

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
<meta charset="utf-8">
<link rel="stylesheet" href="style.css">
<title></title>
</head>
<body>

<h1>Heading 1</h1>
<p>This is Paragraph Tag</p>
<p><b>This is Bold Tag</b></p>
<p><i>This is Italic Tag</i></p>
<p><u>This is Underline Tag</u></p>
<p style="font-family: monospace"> This is MonoSpace Font</p>
<p style="color: Red">This is Red Color Text</p>
```

```
<mark>This is Mark Tag</mark><br>
<p><strike>This is Strike Tag</strike></p>
<p>This is <sup>Superscript</sup> Tag</p>
<p>This is <sub>Subscript</sub> Tag</p>
<p>This is <del>Delete</del> Tag</p>
<p>This is <big>Big</big> Tag</p>
<p>This is <small>small</small> Tag</p>
</body>
</html>
```

O/P:-

The screenshot shows a code editor interface with two main panes. On the left is the 'Project' pane, which displays a file structure for a project named '9CA'. The 'Code' folder contains a file named 'block.html'. On the right is the 'Preview' pane, which shows the rendered HTML content. The rendered content includes:

- Heading 1**
- This is Paragraph Tag
- This is Bold Tag**
- This is Italic Tag*
- This is Underline Tag
- This is MonoSpace Font
- This is Red Color Text
- This is Mark Tag
- This is Strike Tag
- This is Superscript Tag
- This is Subscript Tag
- This is Delete Tag
- This is Big Tag
- This is small Tag

The code editor interface includes a status bar at the bottom with various icons and text.

4. Drawing Hut in HTML Using pre tag.

```
<!doctype html>
<html>
<body>
<pre>
U S I N G      P R E      T A G

    ^--\ ^--\
   / \ V \ \
  /____\ -/____\ \
 |O  O| |O  O| |
 |____| |____|OO|


</pre>
</body> </html>
```

O/P:-



5. HTML code to show various confectionary items using ordered list and unordered list.

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>Basics Part Three</title>
  </head>
  <body>
    <!-- Ordered Lists-->
    <ol>
      <li>First Item</li>
      <li>Second Item</li>
      <li>Third Item</li>
    </ol>
    <!-- Unordered -->
    <!-- Bullet points -->
    <ul>
      <li>Some item</li>
      <li>Some other item</li>
      <li>Third bullet point</li>
    </ul>
    <!-- Nested Lists -->
    <ol>
      <li>Item One</li>
      <li>Item Two</li>
      <ul>
        <li>I'm nested inside</li>
        <li>Also nested!</li>
        <ol>
          <li>Woah! <strong>Really nested!</strong></li>
        </ol>
      </ul>
    </ol>
  </body></html>
```

O/P:-



The screenshot shows a browser window with a dark header bar containing a small icon and the text "list.html Preview". The main content area displays the following nested list structure:

- 1. First Item
- 2. Second Item
- 3. Third Item
 - Some item
 - Some other item
 - Third bullet point
- 1. Item One
- 2. Item Two
 - I'm nested inside
 - Also nested!
 - 1. Woah! **Really nested!**

6. Design Time Table in HTML using table tag along with attributes.

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
<meta charset="utf-8">
<link rel="stylesheet" href="style.css">
<title>Time Table</title>
</head>
<body>
<p class="course">Course: BCA V A <span class="room">CLASS ROOM:</span></p>
<div class="main">
<table border="1" cellspacing="0" align="center" >
<thead>
<th>Days</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>
</thead>
<tr class="one">
<td>Mon</td>
<td>TBC 501</td>
<td>TBC 502</td>
<td>TBC 504</td>
<td>TBC 503</td>
<td rowspan="6" align="center" height="50">
<h2>L<br>U<br>N<br>C<br>H<br><br>B<br>R<br>E<br>A<br>K<br>
</td>
<td class="lab" colspan="3">PBC 501</td>
</tr>
<tr class="two">
<td>Tue</td>
<td>TBC 502</td>
<td>TBC 501</td>
<td>TBC 504</td>
<td>TBC 505</td>
<td class="lab" colspan="3">PBC 502</td>
</tr>
<tr class="three">
<td>Wed</td>
<td>TBC 504</td>
<td>TBC 503</td>
<td>TBC 501</td>
<td>TBC 502</td>
<td colspan="3"></td>
</tr>
```

```

<tr class="four">
<td>Thu</td>
<td>TBC 505</td>
<td>TBC 506</td>
<td>TBC 503</td>
<td>XBC 501</td>
<td colspan="3"></td>
</tr>
<tr class="five">
<td>Fri</td>
<td>TBC 506</td>
<td>TBC 503</td>
<td>XBC 501</td>
<td></td>
<td colspan="3"></td>
</tr>
<tr class="six">
<td>Sat</td>
<td>SBC 501</td>
<td>TBC 506</td>
<td>TBC 505</td>
<td></td>
<td colspan="3"></td>
</tr>
</table>
</div>
</body>
</html>

```

Css:-

```
.main{
    text-align: center;
    height: 50;
    width: 100;
}
```

```
th{
    width: 100;
    padding: 5px;
}
```

```
.course{
    padding-left: 370px;
    margin-bottom: 0px;
}
```

```
.room{
    text-align: center;
    margin-left: 190px;}
```

O/p:-

Project index.html index.html Preview

Course: BCA V A CLASS ROOM:

Days	9:00-9:55	9:55-10:50	11:10-12:05	12:05-1:00	1:00-1:55	1:55-2:50	3:10-4:05	4:05-5:00
Mon	TBC 501	TBC 502	TBC 504	TBC 503	L	PBC 501		
Tue	TBC 502	TBC 501	TBC 504	TBC 505	U	PBC 502		
Wed	TBC 504	TBC 503	TBC 501	TBC 502	N			
Thu	TBC 505	TBC 506	TBC 503	XBC 501	C			
Fri	TBC 506	TBC 503	XBC 501		H			
Sat	SBC 501	TBC 506	TBC 505		B			
					R			
					E			
					A			
					K			

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <link rel="stylesheet" href="style.css">
    <title>Index Page</title>
</head>
<body>
    <div class="header">
        <h1>BCA V A</h1>
        <h2>Time Table</h2>
    </div>
    <table border="1">
        <thead>
            <tr>
                <th>Days</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>
        <tbody>
            <tr>
                <td>Mon</td>
                <td>TBC 501</td>
                <td>TBC 502</td>
                <td>TBC 504</td>
                <td>TBC 503</td>
                <td>L</td>
                <td>PBC 501</td>
                <td></td>
                <td></td>
            </tr>
            <tr>
                <td>Tue</td>
                <td>TBC 502</td>
                <td>TBC 501</td>
                <td>TBC 504</td>
                <td>TBC 505</td>
                <td>U</td>
                <td>PBC 502</td>
                <td></td>
                <td></td>
            </tr>
            <tr>
                <td>Wed</td>
                <td>TBC 504</td>
                <td>TBC 503</td>
                <td>TBC 501</td>
                <td>TBC 502</td>
                <td>N</td>
                <td></td>
                <td></td>
                <td></td>
            </tr>
            <tr>
                <td>Thu</td>
                <td>TBC 505</td>
                <td>TBC 506</td>
                <td>TBC 503</td>
                <td>XBC 501</td>
                <td>C</td>
                <td></td>
                <td></td>
                <td></td>
            </tr>
            <tr>
                <td>Fri</td>
                <td>TBC 506</td>
                <td>TBC 503</td>
                <td>XBC 501</td>
                <td></td>
                <td>H</td>
                <td></td>
                <td></td>
                <td></td>
            </tr>
            <tr>
                <td>Sat</td>
                <td>SBC 501</td>
                <td>TBC 506</td>
                <td>TBC 505</td>
                <td></td>
                <td>B</td>
                <td></td>
                <td></td>
                <td></td>
            </tr>
            <tr>
                <td></td>
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                <td></td>
                <td>R</td>
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            </tr>
            <tr>
                <td></td>
                <td></td>
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                <td></td>
                <td></td>
                <td>A</td>
                <td></td>
                <td></td>
                <td></td>
            </tr>
            <tr>
                <td></td>
                <td></td>
                <td></td>
                <td></td>
                <td></td>
                <td>K</td>
                <td></td>
                <td></td>
                <td></td>
            </tr>
        </tbody>
    </table>
</body>

```

Python Sem5/Web/Unit1/Code/Time_Table/index.html

master Fetch GitHub Git (17) 5 updates 12:26

7. Create the Table using appropriate tags.

```
<!doctype html>
<html>
<body>
<br>
<table border="1" cellspacing="0" cellpadding="15" align="center">
<tr><th colspan="6">Time Table and Fare List</th></tr>
<tr>
<th rowspan="2">Name of Train</th>
<th rowspan="2">Place </th>
<th rowspan="2"> Destination</th>
<th colspan="2"> Time </th>
<th rowspan="2"> Fare</th>
</tr>
<tr>
<th> Arrival</th>
<th> Departure</th>
</tr>
<tr>    <td></td> </tr>
<tr>    <td></td> </tr>
<tr>    <td></td> </tr>
<tr>    <td></td> </tr>
<tr>    <td></td> </tr>
<tr>    <td></td> </tr>
<tr>    <td></td> </tr>
</table>
<body>
</html>
```

O/P:-

The screenshot shows a code editor interface with two panes. The left pane is titled 'Project' and lists several folders and files under 'BCA'. The right pane has tabs for 'Table.html' and 'Table.html Preview'. The 'Table.html' tab shows the following code:

```
<!DOCTYPE html>
<html>
<body>
<br>
<table border="1" cellspacing="0" cellpadding="15" align="center">
<tr><th colspan="6">Time Table and Fare List</th></tr>
<tr>
<th rowspan="2">Name of Train</th>
<th rowspan="2">Place </th>
<th rowspan="2"> Destination</th>
<th colspan="2"> Time </th>
<th rowspan="2"> Fare</th>
</tr>
<tr>
<th> Arrival</th>
<th> Departure</th>
</tr>
<tr>    <td></td> </tr>
<tr>    <td></td> </tr>
<tr>    <td></td> </tr>
<tr>    <td></td> </tr>
<tr>    <td></td> </tr>
<tr>    <td></td> </tr>
</table>
<body>
</html>
```

The 'Table.html Preview' tab shows a 13x6 grid with the header row and two rows of empty data. The header row contains the text 'Time Table and Fare List' and the column headers: 'Name of Train', 'Place', 'Destination', 'Arrival', 'Departure', and 'Fare'. The preview shows 12 empty rows below the header.

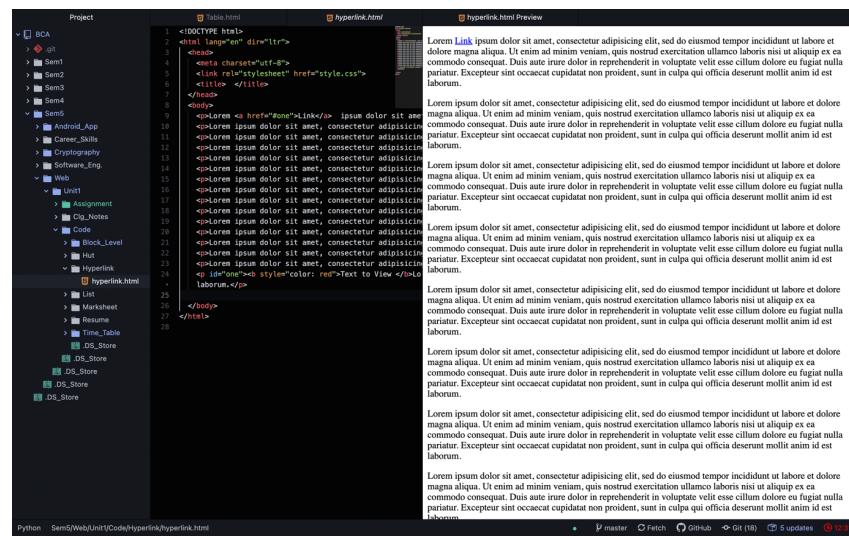
8. Write a HTML code to create a hyperlink from top of your page to bottom of the same page.

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <link rel="stylesheet" href="style.css">
    <title> </title>
  </head>
  <body>
    <p>Lorem <a href="#one">Link</a> ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>

    <p id="one"><b style="color: red">Text to View </b>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p> </body>

</html>
```

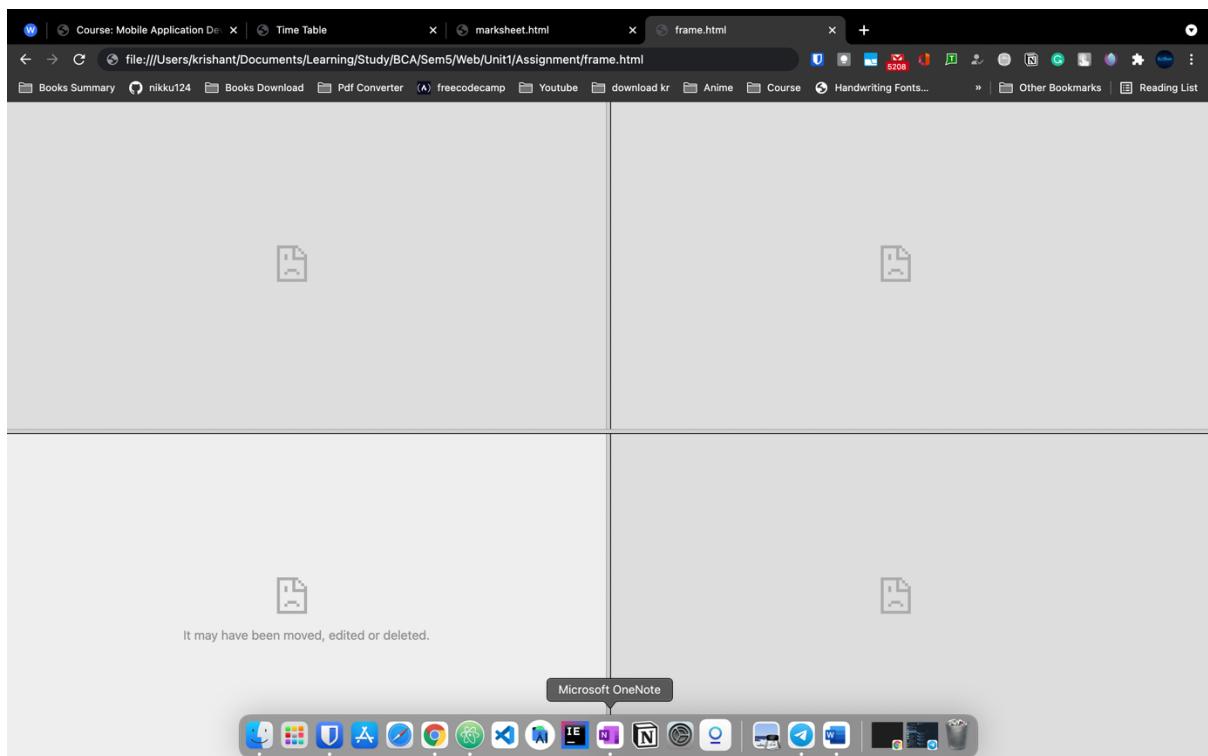
O/P:-



10. Write a HTML code to create a web page with four frames.

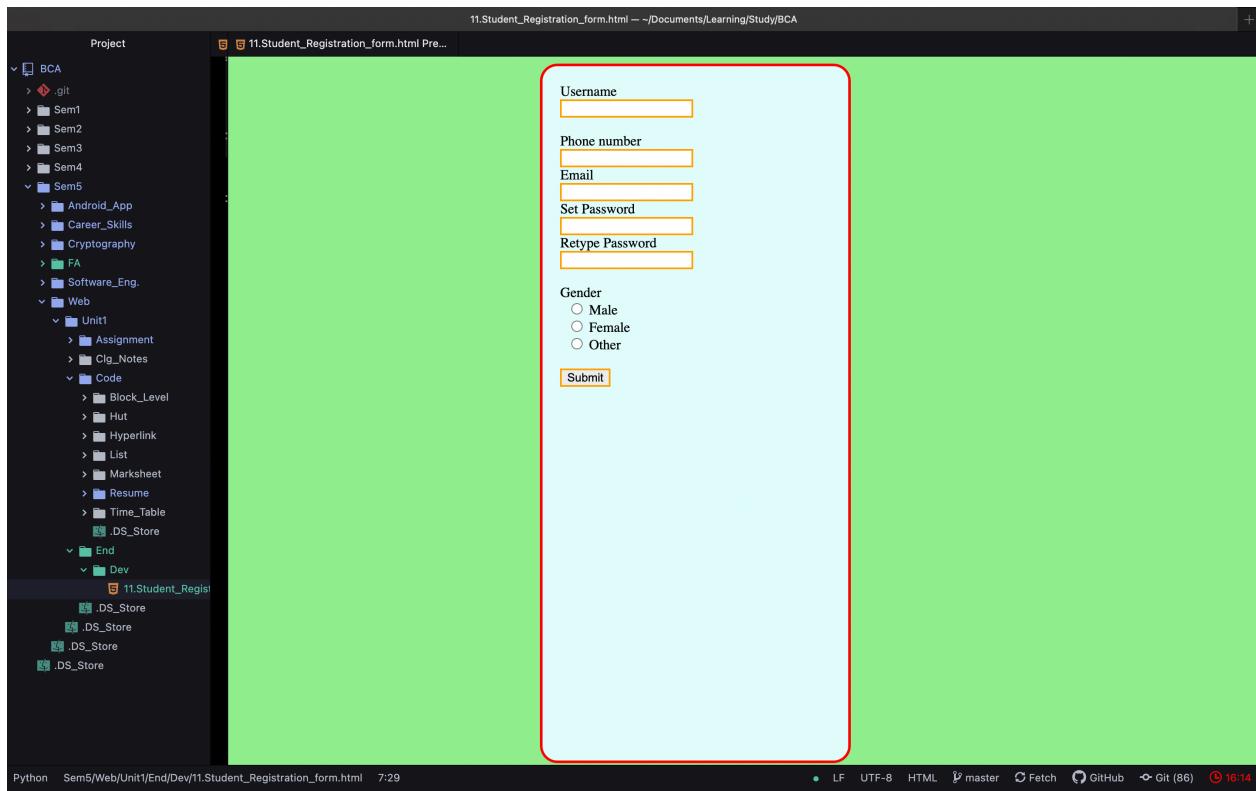
```
<!doctype html>
<html>
<head>
</head>
<frameset rows="40%,40%" cols="40%,40%">
<frame src="try.html">
<frame src="www.facebook.com">
<frame src="www.youtube.com">
<frame src="support.asus.com">
</frameset>
<noframe>
Frames not supported</noframe>
</html>
```

O/P:-



11. Design a Student Registration form with the use of form controls.

```
<html>
<head>
<style>
.div_1{
align-content: center;           text-align: left;
background-color: lightcyan;    width: 30%;
height: 100%;                  border-radius: 20px;
border: 3px solid red;         margin-left: 30%;
}
form{ padding: 20px; }
input{ border: 2px solid orange; }
</style>
<script type="text/javascript">
val pass1=document.getElementsByName(pass);
val pass2=document.getElementsByName(repass);
if( pass1 != pass2 )
{ alert("Retype password not matching"); }
</script>
</head>
<body bgcolor="lightgreen">
<div class="div_1">
<form>
<label> Username </label>      <br>
<input type="text" name="name" required>      <br>
<br>
<label> Phone number </label> <br>
<input type="number" name="PhoneNumber" >      <br>
<label> Email</label>   <br>
<input type="email" name="email" size="">      <br>
<label> Set Password </label>      <br>
<input type="password" name="pass">      <br>
<label> Retype Password </label>      <br>
<input type="password" name="repass">          <br> <br>
<label> Gender </label>      <br>
&nbsp; <input type="radio" name="gender" > Male <br>
&nbsp; <input type="radio" name="gender" > Female <br>
&nbsp; <input type="radio" name="gender" > Other <br>
<br>
<input type="submit" name="submit">
</form>      </div>
</body>
</html>
```



12. Write a HTML program to demonstrate the use of following tags:

(i) DIV (ii) SPAN

```
<!DOCTYPE html>

<head>
<title>div tag</title>
<style>
.a{ background-color:gray;
height:100px;
width:100px;
font-size:20px;
border:20px dashed red;
color:yellow;
}</style>
</head>
<body bgcolor="white">
<div class="a"><p>div tag ....</p>
</div><br>
<span style="background-color:yellow;font-size:30px;border:dashed 5px">span tag .....</span>
<br><br><span style="background-color:red;">Span</span>
<span style="background-color:lightblue;">tag</span>
<span style="background-color:pink;">used</span>
<span style="background-color:gray;">here</span>
</body>
```

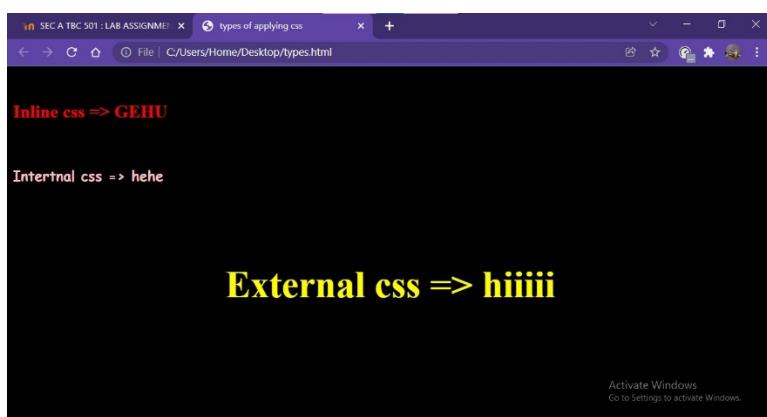


```
</html>
```

13. Demonstrate all types of CSS with the help of an Example.

```
<!DOCTYPE html>

<html>
<head>
<title>types of applying css</title>
<link rel="stylesheet" type="text/css" href="external_css.css">
</head>
<style>
body{background-color:black;}
h3{color:pink;
font-family:cursive;
font-size:"20px"
}
</style>
<body>
Inline css => <h2 style="color:red;font-size=30px;">Inline css => GEHU</h2>
Internal css => <h3>Internal css => hehe</h3>
External css =>
<h4>External css => hiiiii</h4>
</body>
</html>
```



14. Write a program to demonstrate Prompt Box Confirmation Box and Alert Box.

```
<!doctype html>

<html>
<body>

<script type="text/javascript">

    function Continue() {      prompt("Select Level","Level 1");

        var lvl;
        switch(1)

        {  case 1: lvl="Level 1"; break;

           case 2: lvl="Level 2"; break;

           case 3: lvl="Level 3"; break;

           case 4: lvl="Level 4"; break;

        }  }

    function NewGame() {      confirm("Are you sure for New Game");      }

    function Quit() {      alert("You want to Quit?");      }

</script>

<h2>GAME OVER</h2>

<button onclick="Continue()">Continue</button> <br><br>

<button onclick="NewGame()">New Game</button> <br><br>

<button onclick="Quit()">Quit</button> <br>

</body>

</html>
```



15. Demonstrate the use of validation.

```
<!DOCTYPE HTML>
<html>
<body>
<form>
<p>
<fieldset>
<legend>Do you have a driver's license?<abbr title="This field is mandatory" aria-label="required">*</abbr></legend>
<input type="radio" required name="driver" id="r1" value="yes"><label for="r1">Yes</label>
<input type="radio" required name="driver" id="r2" value="no"><label for="r2">No</label>
</fieldset>
</p>
<p>
<label for="n1">How old are you?</label>
<input type="number" min="18" max="120" step="1" id="n1" name="age"
      pattern="\d+"
</p>
<p>
<label for="t1">What's your favorite fruit?<abbr title="This field is mandatory" aria-label="required">*</abbr></label>
<input type="text" id="t1" name="fruit" list="l1" required
      pattern="[Bb]anana|[Cc]herry|[Aa]pple|[Ss]trawberry|[Ll]emon|[Oo]range">
<datalist id="l1">
<option>Banana</option>
<option>Cherry</option>
<option>Apple</option>
<option>Strawberry</option>
<option>Lemon</option>
<option>Orange</option>
</datalist>
</p>
<p>
<label for="t2">What's your e-mail address?</label>
<input type="email" id="t2" name="email">
</p>
<p>
<label for="t3">Leave a short message</label>
<textarea id="t3" name="msg" maxlength="140" rows="5"></textarea>
</p>
<p>
<button>Submit</button>
<button>Reset</button>
</p>
</form>
</body>
</html>
```

FORM VALIDATION x +

← → C File | D:/WebDevelopment/15FormValidation.html

Do you have a driver's license?* _____
 Yes No

How old are you? _____

What's your favorite fruit?* _____

What's your e-mail address? _____

Leave a short message

16: Demonstrate the use of XML with proper example.

```
<breakfast_menu>
```

```
    <food>
```

```
        <name>Belgian Waffles</name>
```

```
        <price>$5.95</price>
```

```
        <description>Two of our famous Belgian Waffles with plenty of real maple syrup</description>
```

```
        <calories>650</calories> </food>
```

```
    <food>
```

```
        <name>Strawberry Belgian Waffles</name>
```

```
        <price>$7.95</price>
```

```
        <description>Light Belgian waffles covered with strawberries and whipped cream</description>
```

```
        <calories>900</calories> </food>
```

```
    <food>
```

```
        <name>Berry-Berry Belgian Waffles</name>
```

```
        <price>$8.95</price>
```

```
        <description>Light Belgian waffles covered with an assortment of fresh berries and whipped cream</description>
```

```
        <calories>900</calories> </food>
```

```
    <food>
```

```
        <name>French Toast</name>
```

```
        <price>$4.50</price>
```

```
        <description>Thick slices made from our homemade sourdough bread</description>
```

```
        <calories>600</calories> </food>
```

```
    <food>
```

```
        <name>Homestyle Breakfast</name>
```

```
        <price>$6.95</price>
```

```
        <description>Two eggs, bacon or sausage, toast, and our ever-popular hash browns</description>
```

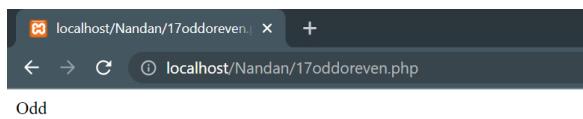
```
        <calories>950</calories> </food>
```



```
</breakfast_menu>
```

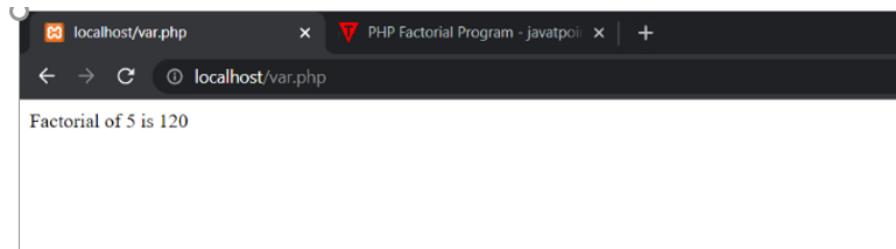
17: Write a PHP program to find whether a number is odd or even.

```
<?php  
function check($number){  
    if($number % 2 == 0){      echo "Even";    }  
    else{    echo "Odd";    }  
}  
  
$number = 39;  
  
check($number)  
?>
```



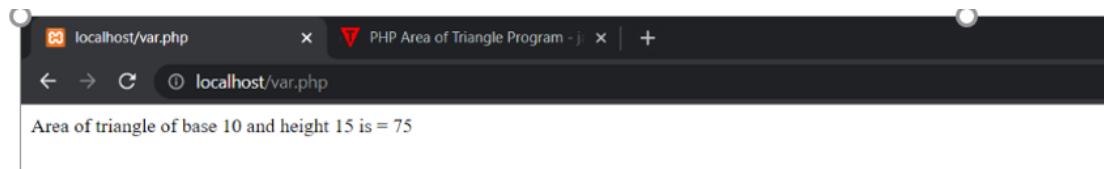
18. Write a PHP program to find the factorial of a number.

```
<?php  
$num = 5;  
  
$factorial = 1;  
  
for ($x=$num; $x>=1; $x--)  
{ $factorial = $factorial * $x;  
  
echo "Factorial of $num is $factorial"; ?>
```



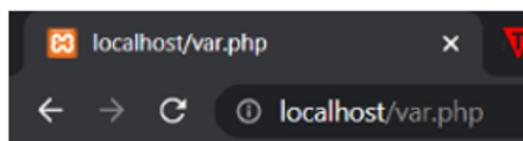
19. Write a PHP program to find the area of a triangle.

```
<?php  
$base = 10;  
$height = 15;  
echo "Area of triangle of base $base and height $height is = " . ($base * $height) / 2;  
?>
```



20: Write a PHP program to demonstrate the use of switch statement in PHP.

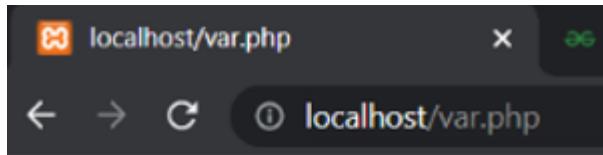
```
<?php  
$num=20;  
switch($num){  
case 10: echo("number is equals to 10"); break;  
case 20: echo("number is equal to 20"); break;  
case 30: echo("number is equal to 30"); break;  
default: echo("number is not equal to 10, 20 or 30");  
}  
?>
```



number is equal to 20

21: Write a PHP program to find the reverse of a string.

```
<?php
function Reverse($str){
    $len = strlen($str);
    if($len == 1){
        return $str;
    }
    else{
        $len--;
        return Reverse(substr($str,1, $len))
            . substr($str, 0, 1);
    }
}
$str = "SANJIV";
echo("Reverse of $str is ".Reverse($str));
?>
```



Reverse of SANJIV is VIJNAS

22. Write a PHP code for showing the use of all the operators in PHP.

```
<?php
$x = 12;
$y = 4;
echo "Arithmetic operation <br>";
echo($x + $y); echo "<br>";
echo($x - $y); echo "<br>";
echo($x * $y); echo "<br>";
echo($x / $y); echo "<br>";
echo($x % $y); echo "<br>";

echo "Assingment operation <br>";
$x = 10;
echo $x;      echo "<br>";
$x = 20;
$x += 30;
echo $x;      echo "<br>";
$x = 50;
$x -= 20;
echo $x;
echo "<br>";
echo "comparison operation <br>";
$x = 25;
$y = 35;
$z = "25";
var_dump($x == $z); // Outputs: boolean true
echo "<br>";
var_dump($x != $y); // Outputs: boolean true
echo "<br>";
var_dump($x < $y); // Outputs: boolean true
echo "<br>";
var_dump($x <= $y); // Outputs: boolean true
echo "<br>";
echo "Incremental/decremental operation <br>";
$x = 10;
echo $x++;    echo "<br>";
echo $x;      echo "<br>";
$x = 10;
echo --$x;    echo "<br>";
echo $x;      echo "<br>";
echo "logical operation <br>";
$year = 2014;
if(($year % 400 == 0) || (($year % 100 != 0) && ($year % 4 == 0))){
    echo "$year is a leap year.";
} else{
    echo "$year is not a leap year."      }
echo "<br>";
echo "String operation <br>";
$x = "Hello";
$y = " World!";
```

```

echo $x . $y;
echo "<br>";
$x .= $y;
echo $x;
echo "<br>";
echo "Array operation <br>";
$x = array("a" => "Red", "b" => "Green", "c" => "Blue");
$y = array("u" => "Yellow", "v" => "Orange", "w" => "Pink");      echo "<br>";
$z = $x + $y; echo "<br>";
var_dump($z); echo "<br>";
var_dump($x == $y); echo "<br>";
var_dump($x != $y); echo "<br>";
var_dump($x !== $y); echo "<br>";

echo "Array operation <br>";
?>

```

```

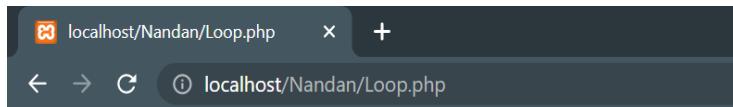
Arithmetic operation
16
8
48
3
0
Assignment operation
10
50
30
Comparison operation
bool(false)
bool(true)
bool(true)
bool(true)
Incremental/decremental operation
10
11
9
9
Logical operation
2014 is not a leap year.
String operation
Hello World!
Hello World!
Array operation

array(6) { ["a"]=> string(3) "Red" ["b"]=> string(5) "Green" ["c"]=> string(4) "Blue" ["u"]=> string(6) "Yellow" ["v"]=> string(6) "Orange" ["w"]=> string(4) "Pink" }
bool(false)
bool(true)
bool(true)

```

23. Write a PHP code for showing the use of for each loop.

```
<?php  
$season = array ("Summer", "Winter", "Autumn", "Rainy");  
foreach ($season as $element) {  
    echo "$element";  
    echo "</br>"; }  
?>
```



Summer
Winter
Autumn
Rainy

24: Write a PHP program to create a database in MySQL GEHU containing table course having three fields course name,courseid and course duration. Write a php code to insert values in the table course.

```
<?php
$server = "localhost";
$username = "root";
$password = "";
$con = mysqli_connect($server, $username, $password);
if(!$con){
    die("connect failed");
}

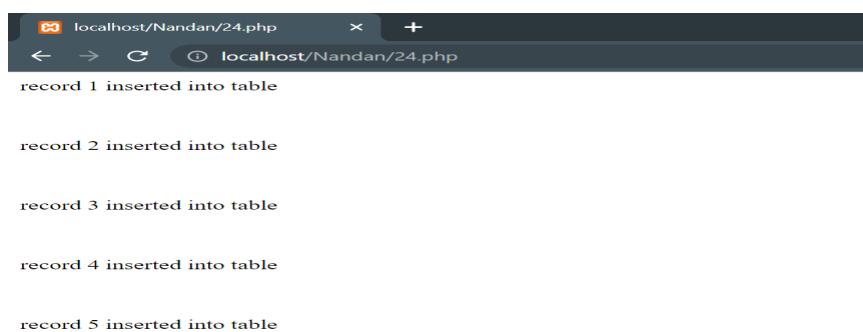
$sql = "INSERT INTO `gehu`.`course` (`course_name`, `course_id`, `course_duration`) VALUES
('PGDMA', '101', '1 years')";
$con->query($sql);
echo "record 1 inserted into table <br><br><br><br>";

$sql = "INSERT INTO `gehu`.`course` (`course_name`, `course_id`, `course_duration`) VALUES ('BCA',
'102', '3 years')";
$con->query($sql);
echo "record 2 inserted into table <br><br><br><br>";

$sql = "INSERT INTO `gehu`.`course` (`course_name`, `course_id`, `course_duration`) VALUES
('B.COM', '103', '3 years')";
$con->query($sql);
echo "record 3 inserted into table <br><br><br><br>";

$sql = "INSERT INTO `gehu`.`course` (`course_name`, `course_id`, `course_duration`) VALUES ('BBA',
'104', '3 years')";
$con->query($sql);
echo "record 4 inserted into table <br><br><br><br>";

$sql = "INSERT INTO `gehu`.`course` (`course_name`, `course_id`, `course_duration`) VALUES
('MCA', '105', '2 years')";
$con->query($sql);
echo "record 5 inserted into table <br><br><br><br>";
$con->close();
?>
```



25. Write a php code to retrieve the values from the table course and display it in the table format

```
<?php
$server = "localhost";
$username = "root";
$password = "";
$con = mysqli_connect($server, $username, $password);
if(!$con){
    die("connect failed");
}
$sql= " SELECT * FROM `gehu`.`course` ";
$res=$con->query($sql);
if($res->num_rows > 0)
{
    echo "<table><tr><th>COURSE_ID</th><th>COURSE NAME</th><th>COURSE DURATION</th></tr>";
    while($row = $res->fetch_assoc())
    {
        echo "<tr><td>" . $row["course_id"] . "</td><td>" . $row["course_name"] . "</td><td>" .
$row["course_duration"] . "</td></tr>";
    }
    echo "</table>";
}
else
    echo "0 RESULTS";
$con->close();
?>
```

COURSE_ID	COURSE NAME	COURSE DURATION
101	PGDMA	1 years
102	BCA	3 years
103	B.COM	3 years
104	BBA	3 years
105	MCA	2 years

26. Write a php code to update the values of course PGDMA to part time MBA

```
<?php
$server = "localhost";
$username = "root";
$password = "";

$con = mysqli_connect($server, $username, $password);

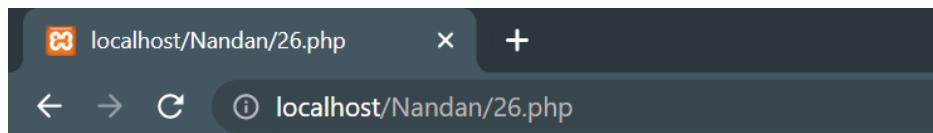
if(!$con){
    die("connect failed");
}

$sql = "UPDATE `gehu`.`course` SET course_name = 'MBA', course_id = '201', course_duration = '2
years' WHERE course_id='101' ";

$con->query($sql);

echo "COURSE UPDATED";

$con->close();
?>
```



COURSE UPDATED

27 Write a php code to retrieve values on the basis of the course id. (Where clause should be used in the sql query)

```
<?php
$server = "localhost";
$username = "root";
$password = "";

$con = mysqli_connect($server, $username, $password);
if(!$con){
    die("connect failed");
}
$sql= " SELECT course_name, course_id, course_duration FROM `gehu`.`course` WHERE course_id
>= '104' ";

$res=$con->query($sql);
if($res->num_rows > 0)
{
    echo "<table><tr><th>COURSE_ID</th><th>COURSE NAME</th><th>COURSE DURATION</th></tr>";
    while($row = $res->fetch_assoc())
    {
        echo "<tr><td>" . $row["course_id"] . "</td><td>" . $row["course_name"] . "</td><td>" .
$row["course_duration"] . "</td></tr>";
    }
    echo "</table>";
}
else
{
    echo "0 RESULTS";
}
$con->close();
?>
```

