

W.T LAB RECORD

Y20CS182

V.UDAYKIRAN

1.

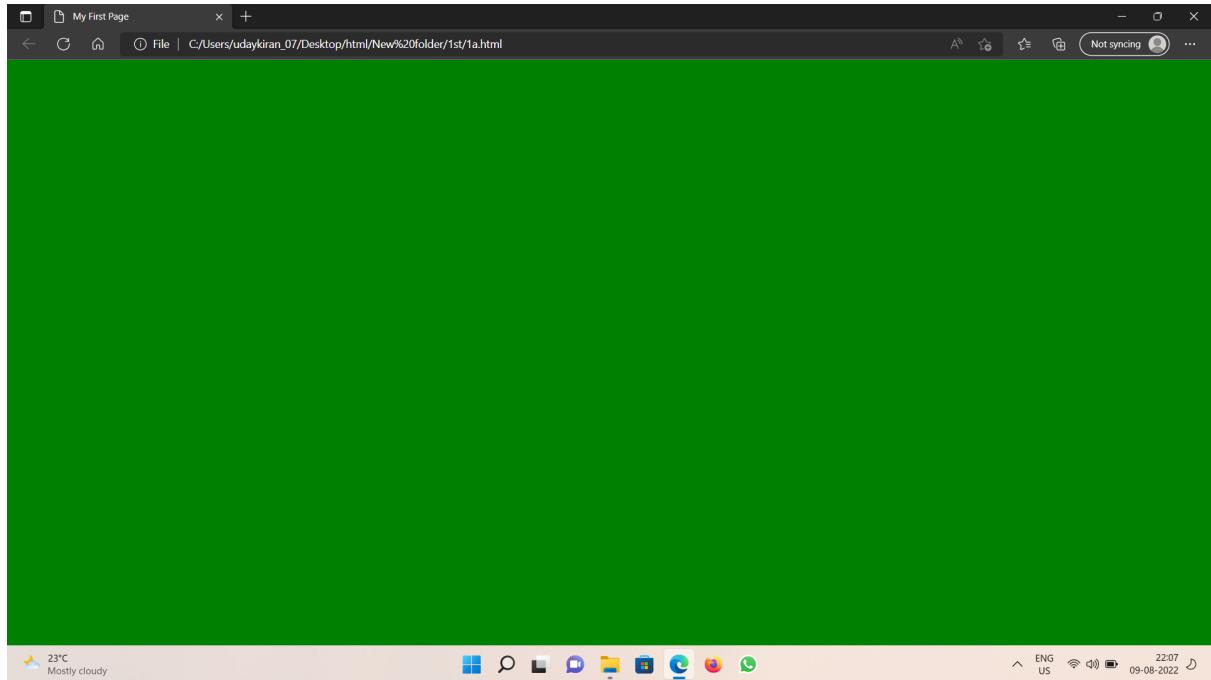
- a. Create a web page having the background in green and title “My First Page”

```
<html>  
<head>  
<title>My First Page</title>  
</head>  
<body style="background-color:green";>
```

```
</body>
```

```
</html>
```

Output:



b. Create a web page of pink colour and display a moving message in red colour.

```
<html>
```

```
<head>
```

```
<title>Moving Message</title>
```

```
</head>
```

```
<body style="background-color:pink;">
```

```
<marquee style="background-color:yellow;color:red;">
```

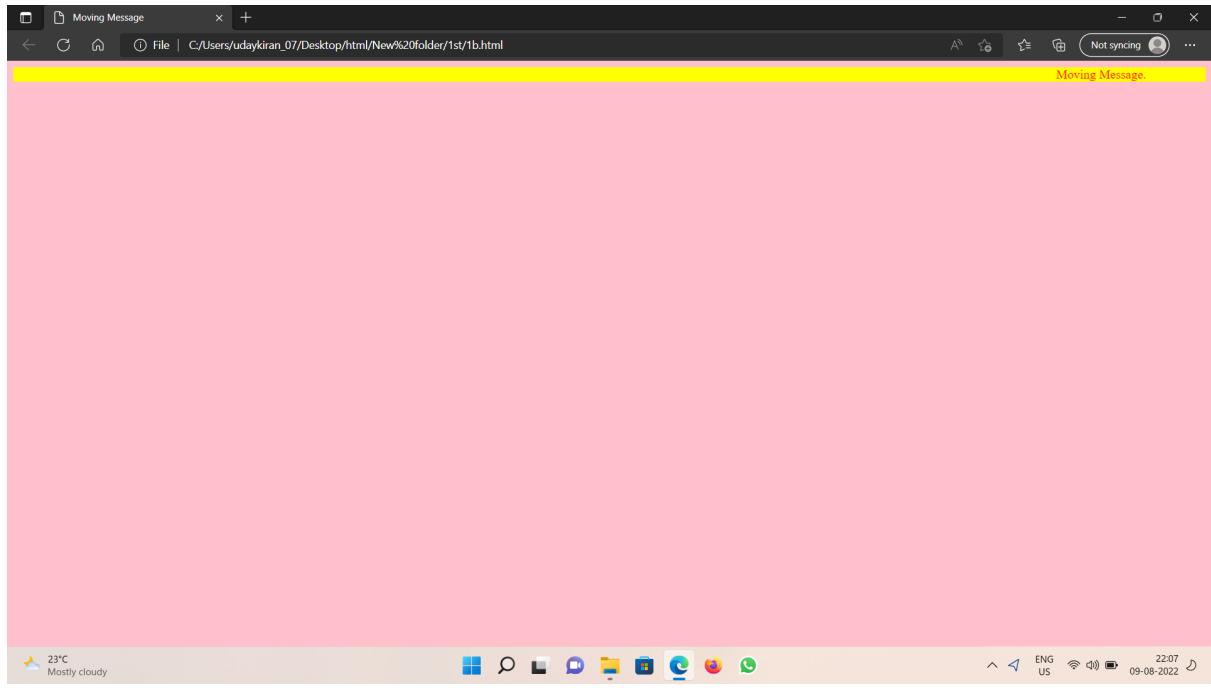
```
<font color:"red">
```

```
Moving Message.</marquee>
```

```
</body>
```

```
</html>
```

output:



c. Design a web page containing text, in form of paragraphs giving suitable heading style

```
<html>
```

```
<head>
```

```
<title>Section</title>
```

```
</head>
```

```
<body style="background-color:grey;">
```

```
<h1 style="color:lime;">This is Paragraph</h1>
```

```
<p style="color:red;font-size:30px;">R.V.R&J.C college</p>
```

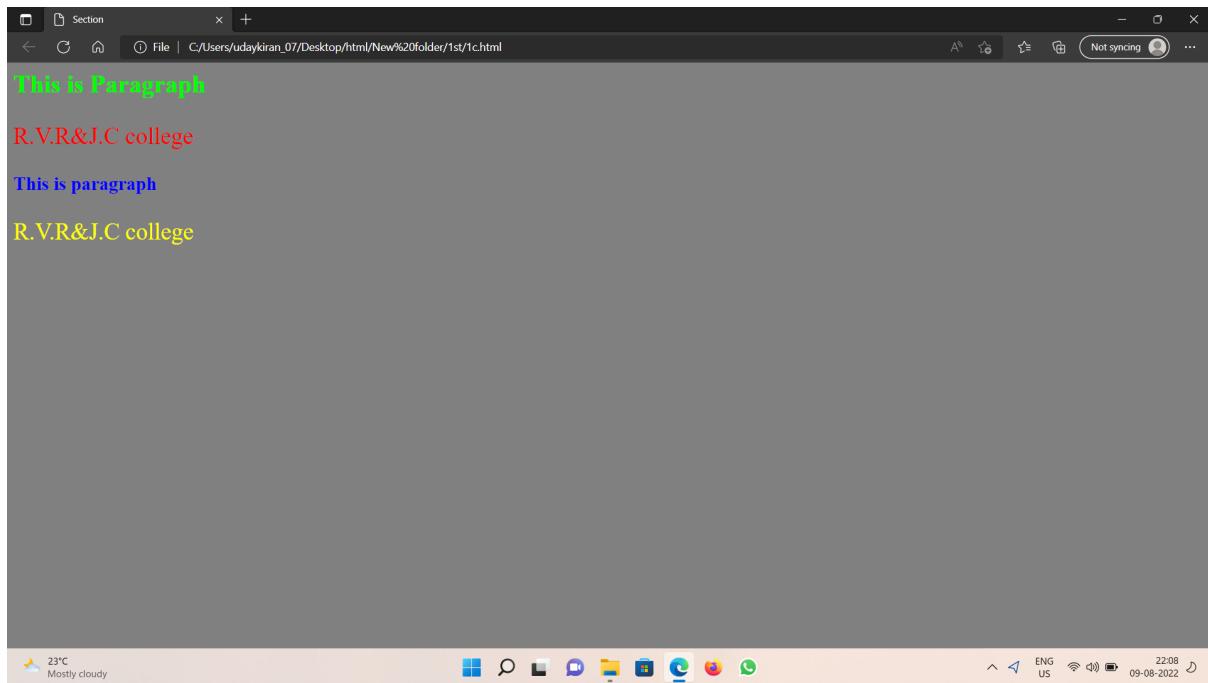
```
<h2 style="color:blue;">This is paragraph</h2>
```

```
<p style="color:yellow;font-size:30px;">R.V.R&J.C college</p>
```

```
</body>
```

```
</html>
```

output:



2.

a. Create a web page which displays WELCOME text using heading tags(h1 to h6)

```
<html>
```

```
<head>
```

```
<title>Headings tags</title>
```

```
</head>
```

```
<body style="background-color:grey;">
```

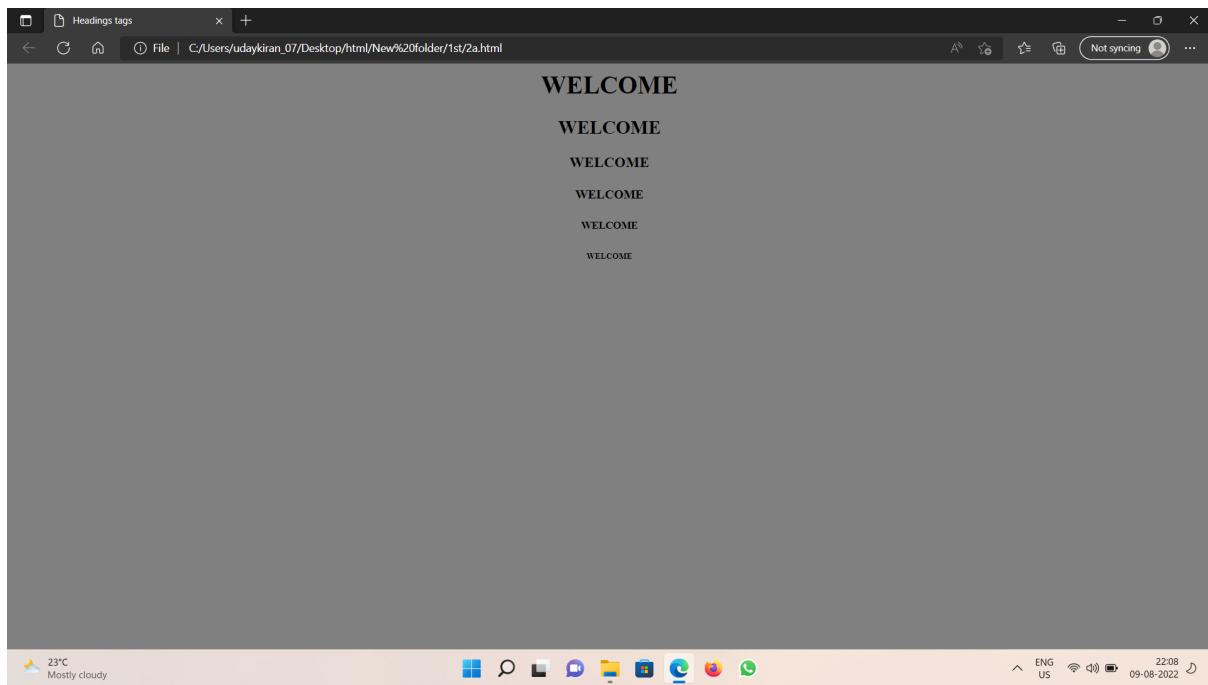
```
<h1 style="text-align:center;">WELCOME</h1>
```

```
<h2 style="text-align:center;">WELCOME</h2>
```

```
<h3 style="text-align:center;">WELCOME</h3>
```

```
<h4 style="text-align:center;">WELCOME</h4>  
<h5 style="text-align:center;">WELCOME</h5>  
<h6 style="text-align:center;">WELCOME</h6>  
</body>  
</html>
```

Output:



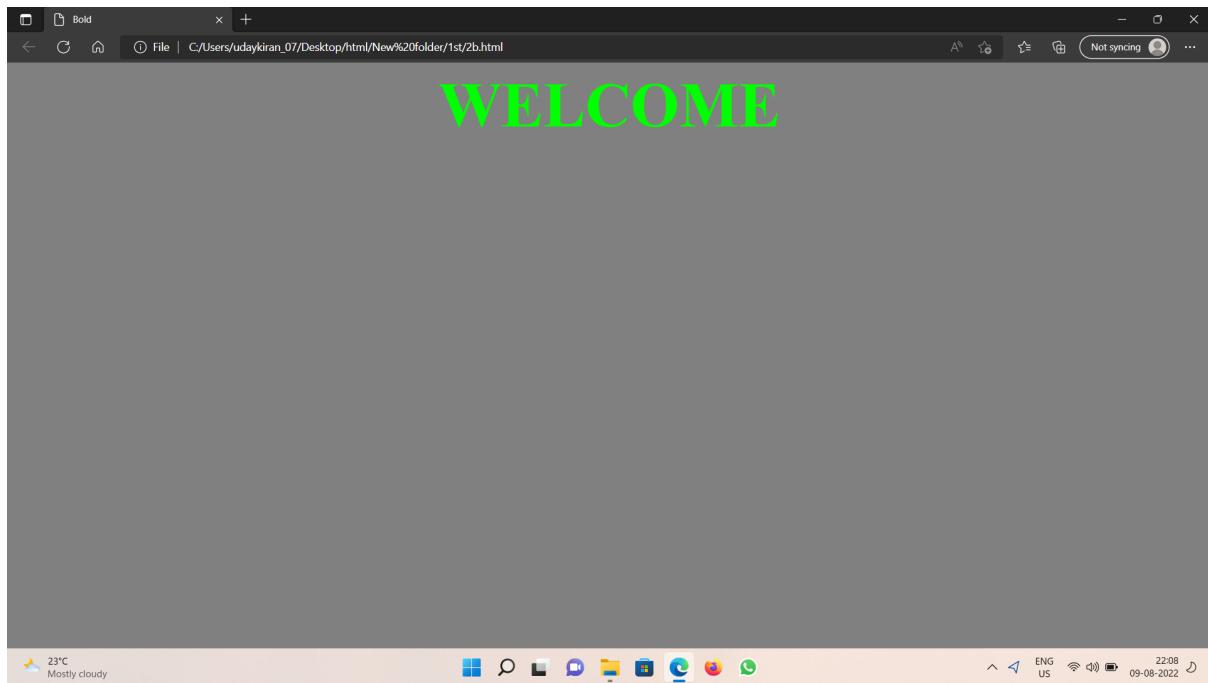
b. Create a web page which displays WELCOME text using **** tag

```
<html>  
<head>  
<title>Bold</title>  
</head>  
<body style="background-color:grey;">  
<p  
style="color:lime;font-size:80px;text-align:center;"><b>WELCOME</b></p>
```

```
</body>
```

```
</html>
```

Output:



c. Create a web page which displays h_2o and x_2+y_2 using `<sup>` tag and `<sub>` tag

```
<html>
```

```
<head>
```

```
<title>Super and Sub</title>
```

```
</head>
```

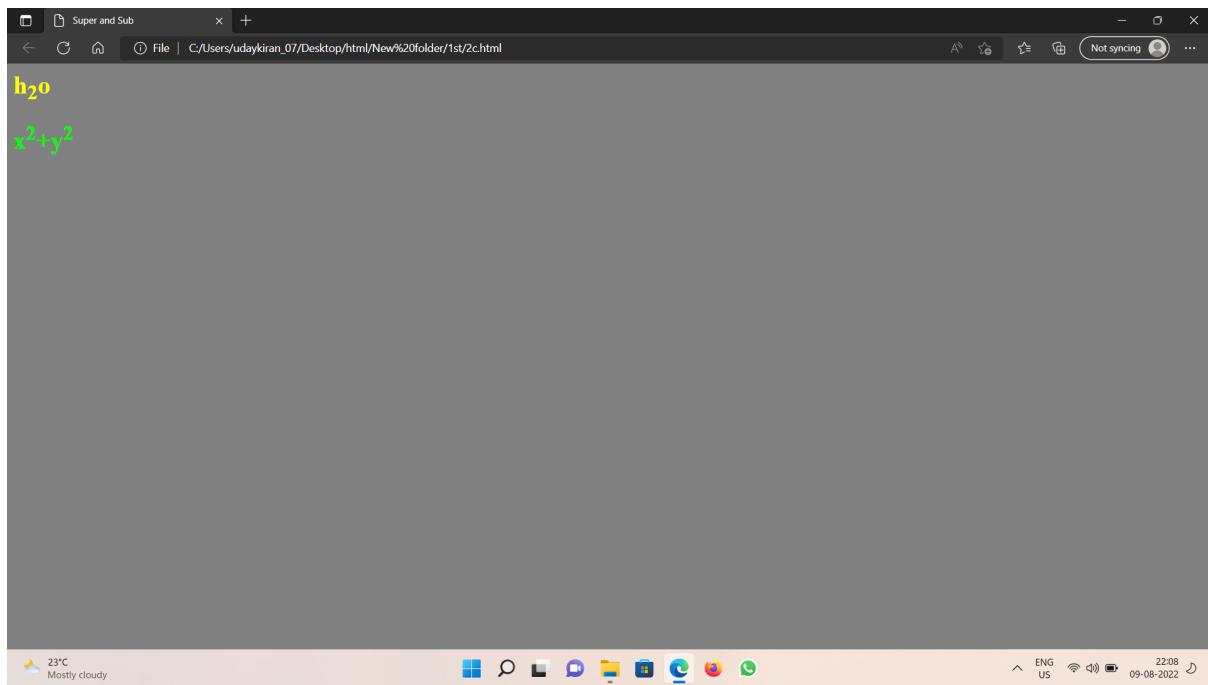
```
<body style="background-color:grey;">
```

```
<h1 style="color:yellow;">h<sub>2</sub>o</h1>
```

```
<h1 style="color:lime;">x<sup>2</sup>+y<sup>2</sup></h1>
```

```
</body>
```

Output:

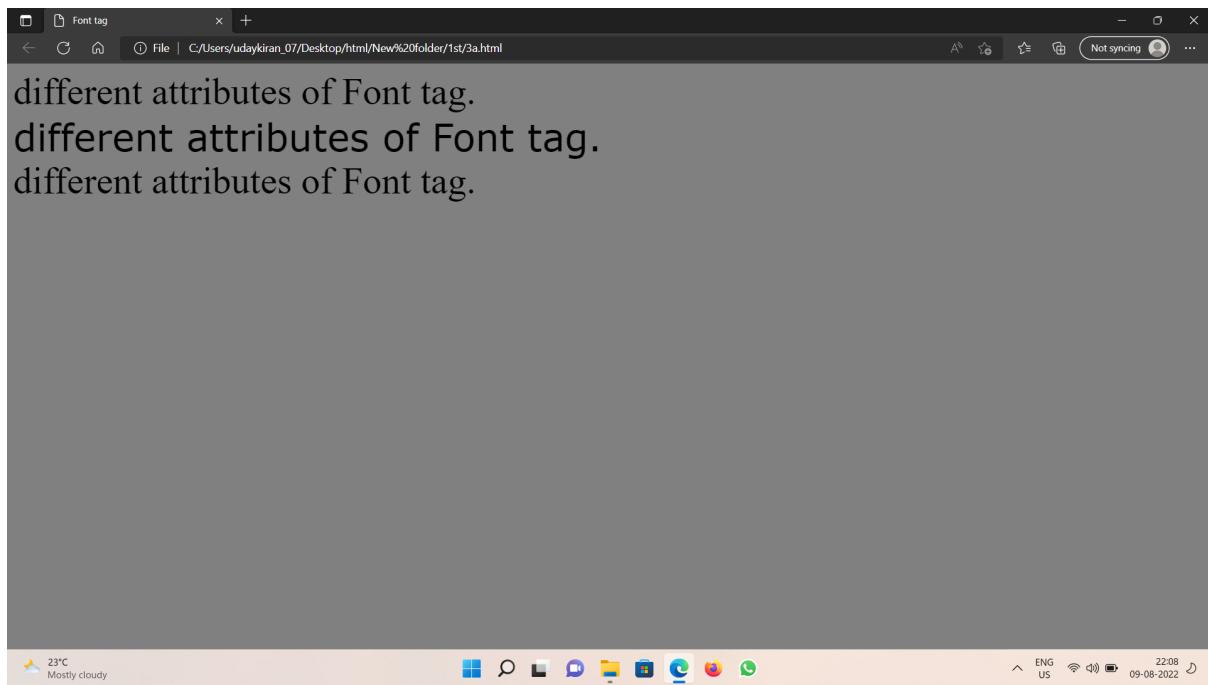


3.

a. Create a web page to show different attributes of Font tag.

```
<html>
<head>
<title>Font tag</title>
</head>
<body style="background-color:grey;">
<font size="40px">different attributes of Font tag.</font><br>
<font face="Verdana" size="40px">different attributes of Font tag.</font><br>
<font color="black" size="45px">different attributes of Font tag.</font>
</body>
</html>
```

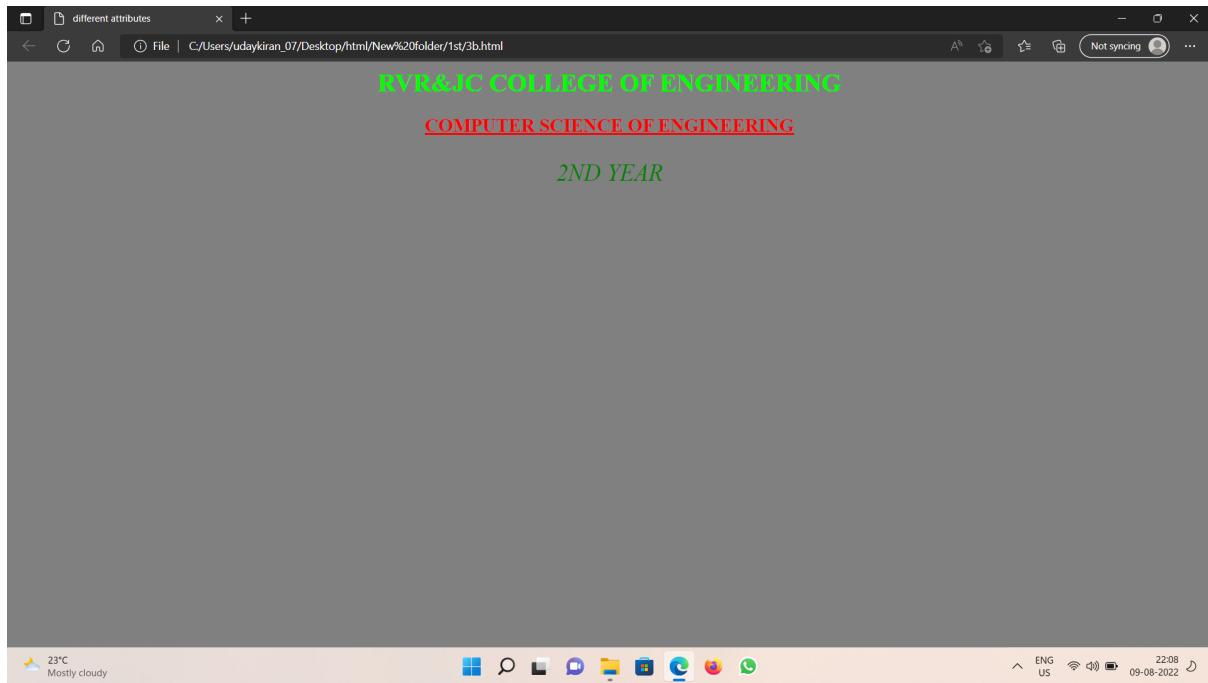
Output:



b. Create a web page to show different attributes: italics, bold, underline.

```
<html>
<head>
<title>different attributes</title>
</head>
<body style="background-color:grey;">
<h1 style="color:lime;text-align:center;"><b>RVR&JC COLLEGE OF
ENGINEERING</b></h1>
<h2 style="color:red;text-align:center;"><u>COMPUTER SCIENCE OF
ENGINEERING</u></h2>
<p style="color:green;font-size:30px;text-align:center;"><i>2ND
YEAR</i></p>
</body>
</html>
```

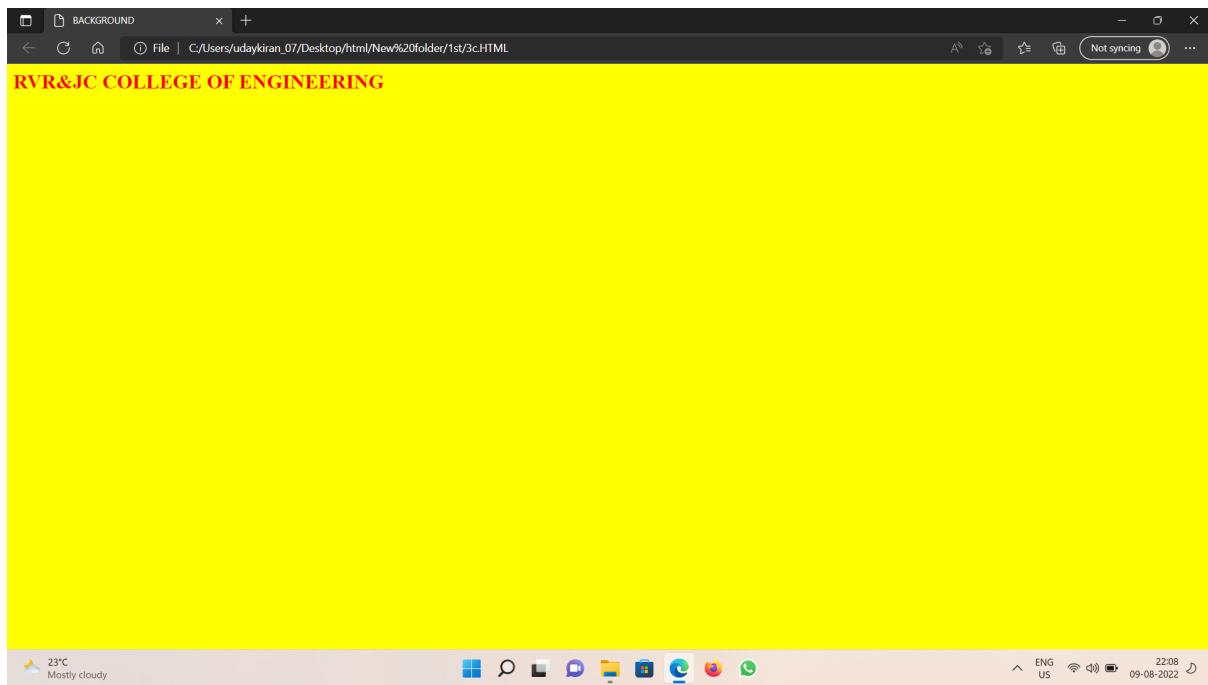
Output:



c. Design a web page having background colour yellow and giving text colour red

```
<html>
<head>
<title>BACKGROUND</title>
</head>
<body style="background-color:yellow;">
<h1 style="color:red;font-size:160%;">RVR&JC COLLEGE OF
ENGINEERING</h1>
</body>
</html>
```

Output:

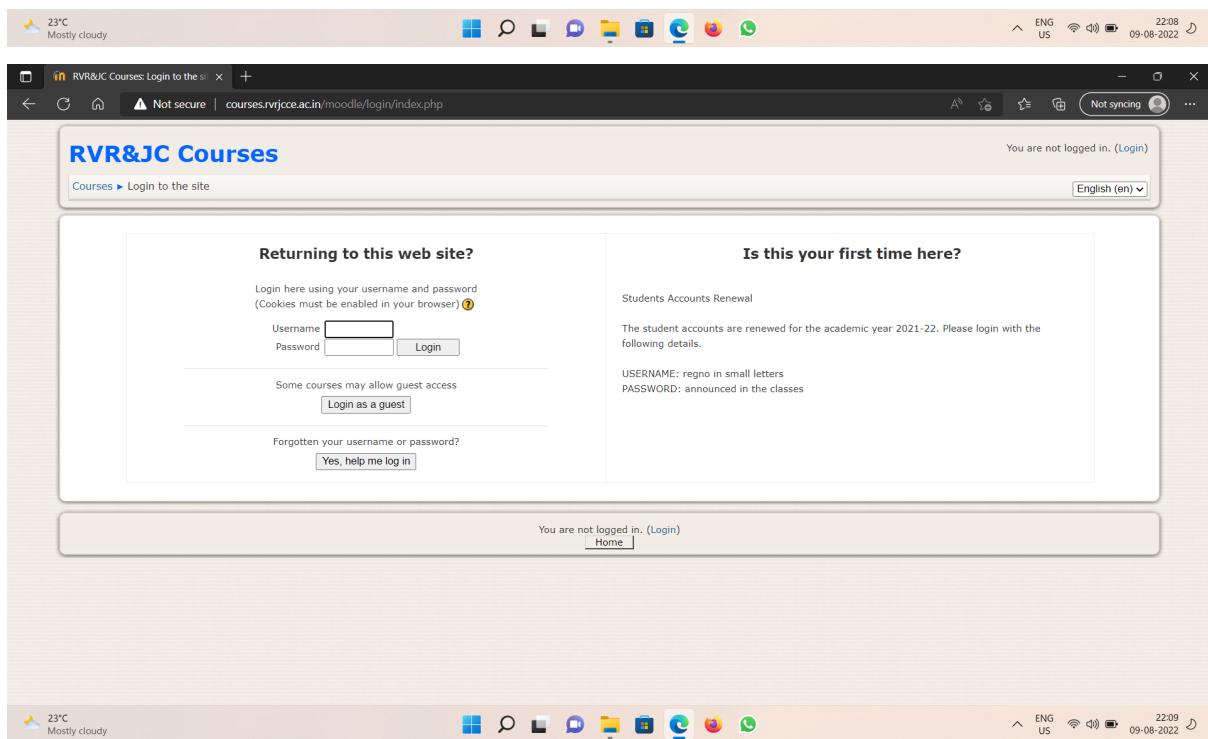


4.

- a. Create a web page using href attribute of anchor tag & the attribute: alink, vlink etc

```
<html>
<head>
<title>Anchor tag</title>
</head>
<body link="red" vlink="lime">
<a href="http://courses.rvrjcce.ac.in/moodle/login/index.php"
title="hyperlink">RVR MOODLE</a>
</body>
</html>
```

Output:



b. Create links on the words e.g. —Wi-Fi and —LANII to link them to Wikipedia pages.

<!doctype html>

<html>

<head>

<meta charset = "utf-8" />

```
<title>udaykiran</title>

</head>

<body>

<center><a
style="font-size:160%;" href="https://www.w3schools.com/" title="WI-FI">W
i-fi</a></center>

<center><a
style="font-size:160%;" href="https://www.tutorialspoint.com/index.htm" titl
e="LAN">LAN</a></center>

</body>

</html>
```

Output:

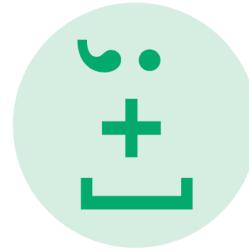




Sorry!

**We can't seem to find the resource
you're looking for.**

Please check that the Web site address is spelled correctly.
Or go to our [home page](#), and use the menus to navigate to a specific section.



c. Create a web page with appropriate content and insert an image towards the left hand side of the page. When user clicks on the image, it should open another Web page

```
<html>
<head>
<title>Anchor-Image</title>
</head>
<body>
<p style="color:red;font-size:40px;">hello,when you click on image below  

it get into new webpage.</p><br>
<p><a href="https://www.bing.com/search?q=german+shepherd+health&filters=dtbk%22MCFvdmVydmIldyFrZ192M19oZWFSdGghNDViMjk1OGEtYW  

RkZS0yNjNiLTA0ZDMtNzE5ODFiNTc3M2Vm%22&FORM=DEPNAV"><i  

mg  

src="https://th.bing.com/th/id/OIP.TjMNKnATgoG6ycFhJtLR5AHaJ4?pid  

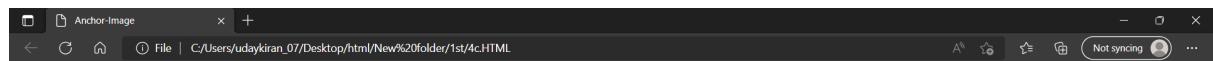
=ImgDet&rs=1"
```

```
width="300" height="300" float:"left"></img></a> This image will float left  
of text</p>
```

```
</body>
```

```
</html>
```

Output:

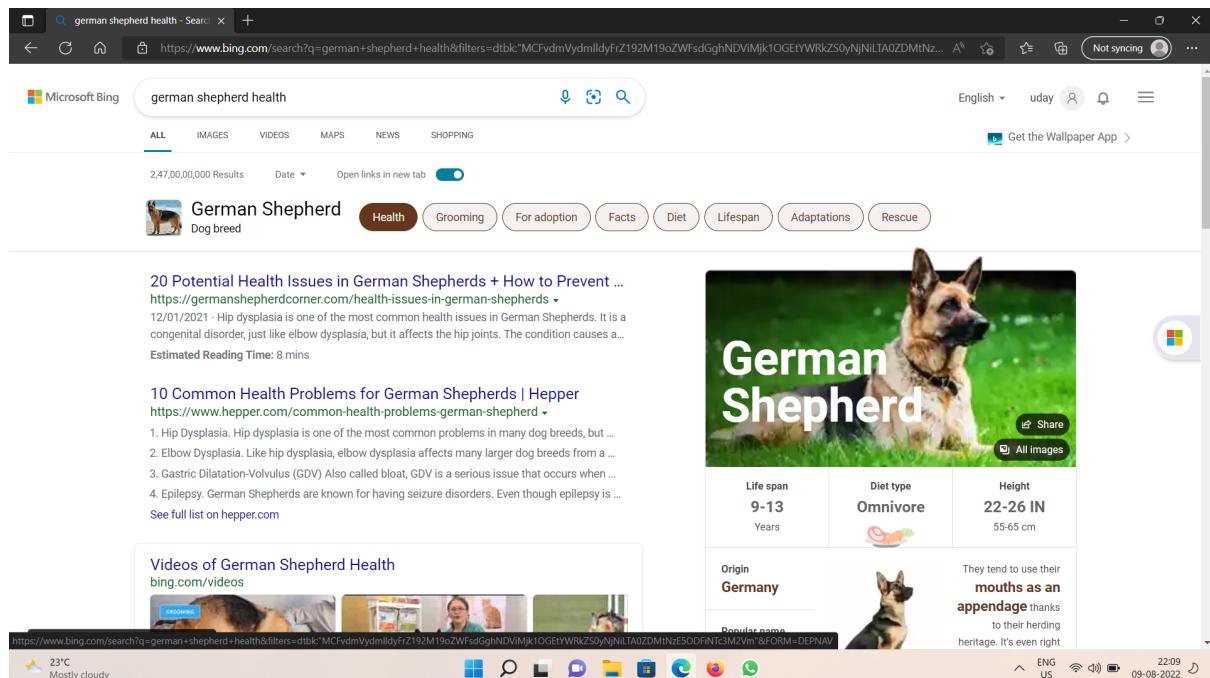


hello,when you click on image below it get into new webpage.



This image will float left of text





5.

a. Create a web page, showing an ordered list of the names of five of your friends.

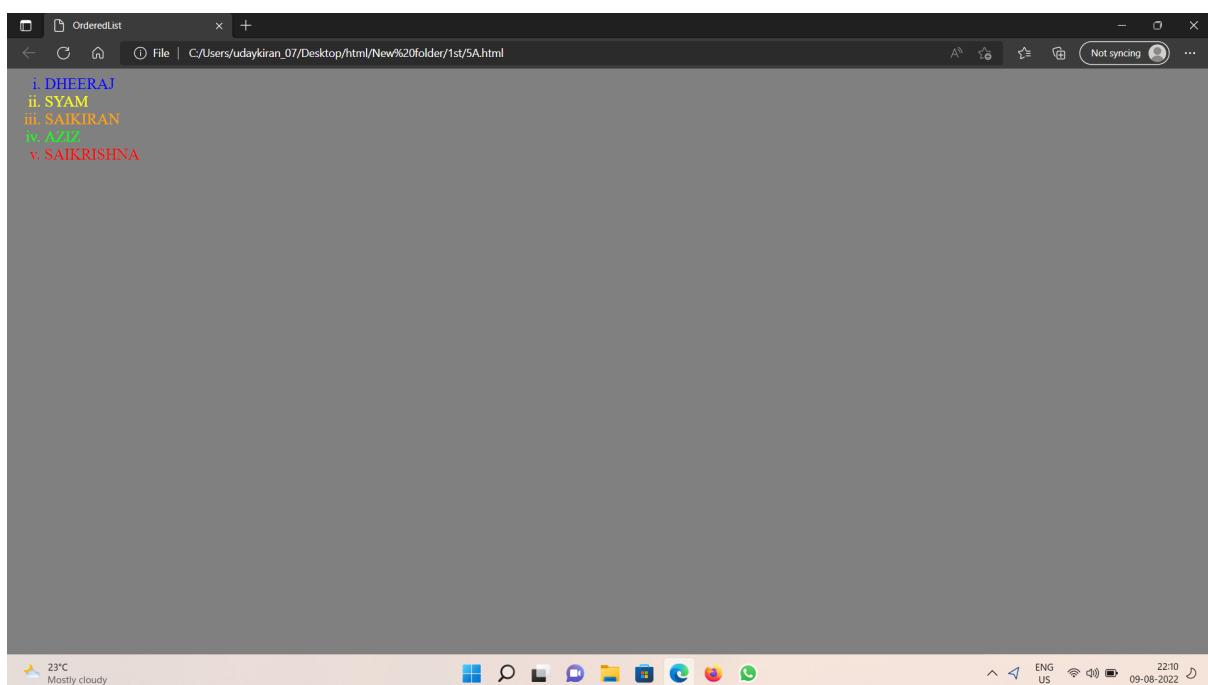
```
<html>
<head>
<title>OrderedList</title>
</head>

<body style="background-color:GREY;">
<ol type="i">
<li style="color:blue;font-size:20px;">DHEERAJ</li>
<li style="color:yellow;font-size:20px;">SYAM</li>
<li style="color:orange;font-size:20px;">SAIKIRAN</li>
<li style="color:lime;font-size:20px;">AZIZ</li>

```

```
<li style="color:red;font-size:20px;">SAIKRISHNA</li>
</ol>
</body>
</html>
```

Output:



b. Create a web page containing a nested list showing the content page of any book

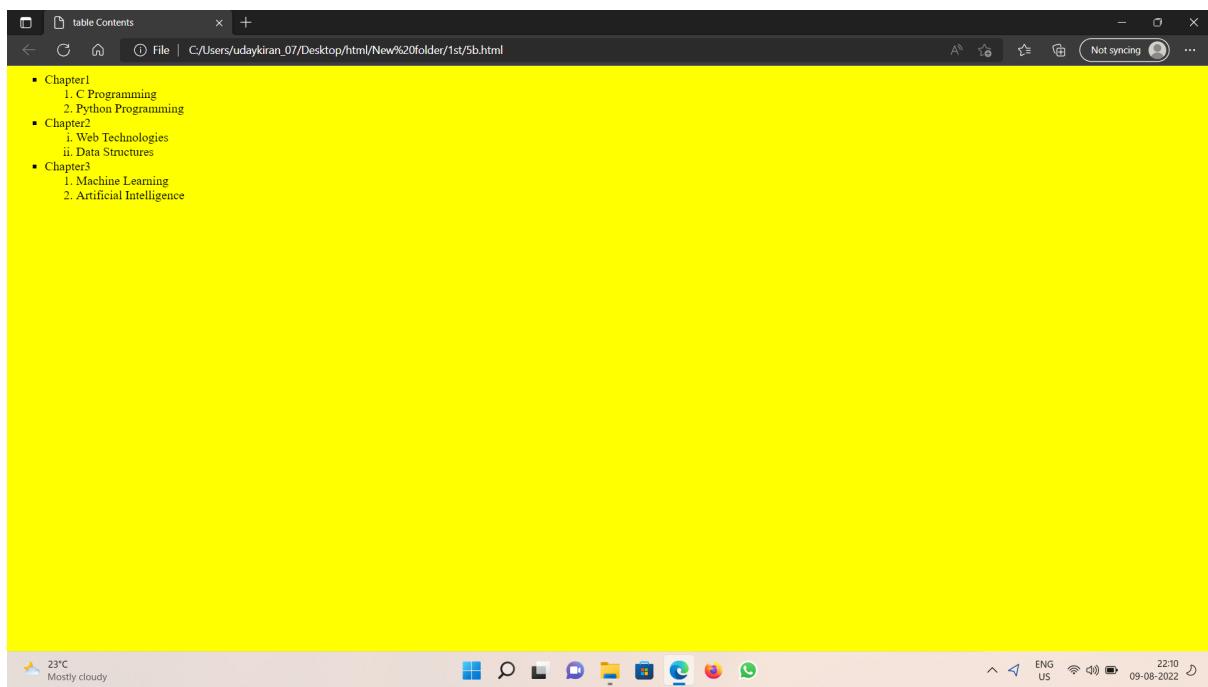
```
<html>  
<head>  
<title>table Contents</title>  
</head>  
<body style="background-color:yellow;">  
<ul style="list-style-type:square">
```

```
<li>Chapter1</li>
<ol type="1">
<li>C Programming</li>
<li>Python Programming</li>

</ol>
<li>Chapter2</li>
<ol type="i">
<li>Web Technologies</li>
<li>Data Structures</li>
</ol>
<li>Chapter3</li>
<ol type="1">

<li>Machine Learning</li>
<li>Artificial Intelligence</li>
</ol>
</body>
</html>
```

Output:



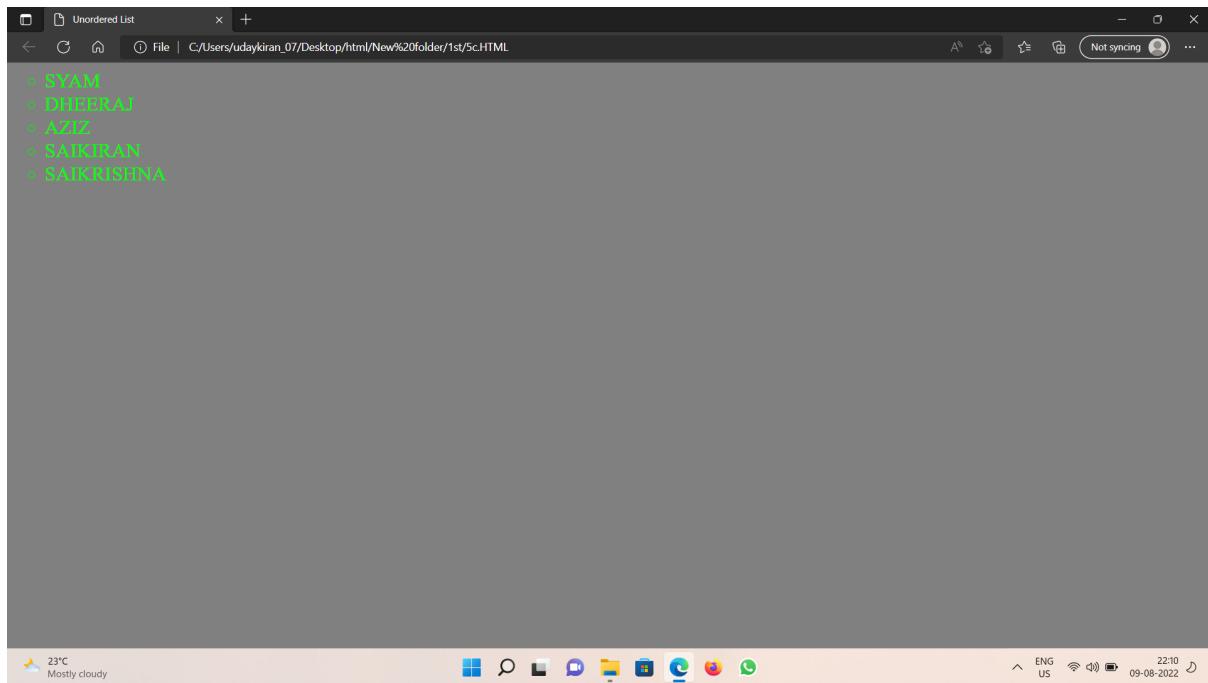
c. Create a web page, showing an unordered list of names of five of your friends

```
<html>
<head>
<title>Unordered List</title>
</head>
<body style="background-color:grey;">
<ul style="list-style-type:circle;color:lime;font-size:160%;">
<li>SYAM</li>
<li>DHEERAJ</li>
<li>AZIZ</li>
<li>SAIKIRAN</li>
<li>SAIKRISHNA</li>
</ul>
```

```
</body>
```

```
</html>
```

Output:



6.

a. Create a table to show your class timetable using rowspan and colspan attributes.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
table,th,td{
```

```
border:1px solid black;
```

```
border-collapse:collapse;
```

```
}

h1{
color:red;
font-size:30px;
text-align:center;
}

</style>

</head>

<body style="color:lime;">

<h1>TIME TABLE</h1>

<table style="width:100%">

<tr>

<th>DAY</th>

<th>8:00-9:00</th>

<th>9:00-10:00</th>

<th>10:00-11:00</th>

<th>11:00-12:00</th>

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

<th>1:00-2:00</th>

<th>2:00-3:00</th>

</tr>

<tr style="text-align:center;">
```

```
<td>MON</td>
<td>cs</td>
<td>wt</td>
<td>se</td>
<td rowspan="6">lunch break</td>
<td>et&hv</td>
<td>dbms</td>
<td>os</td>
</tr>
<tr style="text-align:center;">
<td>TUE</td>
<td colspan="3">dbms lab</td>
<td>os</td>
<td>se</td>
<td>dbms</td>
</tr>
<tr style="text-align:center;">
<td>WED</td>
<td>se</td>
<td>dbms</td>
<td>cs</td>
<td colspan="3">wt lab</td>
</tr>
```

```
<tr style="text-align:center;">  
<td>THU</td>  
<td colspan="2">soc lab</td>  
<td>wt</td>  
<td>cs</td>  
<td>os</td>  
<td>library</td>  
</tr>  
  
<tr style="text-align:center;">  
<td>FRI</td>  
<td>wt</td>  
<td>cs</td>  
<td>os</td>  
<td>et&hv</td>  
<td>soc</td>  
<td>dbms</td>  
</tr>  
  
<tr style="text-align:center;">  
<td>SAT</td>  
<td colspan="3">coding lab</td>  
<td>wt</td>  
<td>os</td>  
<td>se</td>
```

```

</tr>

</table>

</body>

</html>

```

Output:

TIME TABLE

DAY	8:00-9:00	9:00-10:00	10:00-11:00	11:00-12:00	12:00-1:00	1:00-2:00	2:00-3:00
MON	CS	WT	SE		ET&HV	DBMS	OS
TUE			DBMS LAB		OS	SE	DBMS
WED	SE	DBMS	CS	lunch break		WT LAB	
THU		SOC LAB	WT		CS	OS	LIBRARY
FRI	WT	CS	OS		ET&HV	SOC	DBMS
SAT		CODING LAB			WT	OS	SE

b. Use tables to provide layout to your HTML page describing your college infrastructure

```

<!DOCTYPE html>

<html>

<head>

<title>HTML Layout</title>

</head>

<body>

<table width = "100%" border = "10">

```

```
<tr>

<td colspan = "2" bgcolor = "lightgreen" height="100" width = "100">

RVR&JC COLLEGE OF ENGINEERING
(ATMONOMUS)</h1>

</td>

</tr>

<tr valign = "top">

<td bgcolor = "ORANGE" height="100" width = "100">

<b>Main Menu</b><br />

1.about rvr&jc<br />

2.PLACEMENTS <br />

3.Skill Development Center<br/>

4.sFOREWORD...

</td>

<td bgcolor = "YELLOW" >

<h2>RVR&JC COLLEGE</h2>

R V R & J C College of Engineering (Rayapati Venkata
Rangarao & Jagarlamudi Chandramouli), an engineering college in
Guntur, Andhra Pradesh, India. The College offers Graduate (Masters)
and Undergraduate education (Bachelors) Courses in Engineering and
Technology. It is located in the west suburban region of Guntur City,[1]
India.[2][3]
```

Established in 1985, RVR&JC is under the patronage of the Nagarjuna Education Society. Today eight educational institutions are functioning under the banner of the society, with RVR&JC as the flagship.

The college is today one of the largest engineering institutions in South India. The college offers eight B.Tech degree courses, Six M.Tech degree courses, besides MCA and MBA courses.

The college is an autonomous and affiliated to Acharya Nagarjuna University, Guntur. The institute attracts companies that conduct campus interviews for the students.[4]

Objectives

<h3> placements</h3>

Objectives

1. To achieve 100% Placements.
2. To invite the best companies of different industries for Campus Recruitments.
3. Make students Industry ready with proper planning, focus and appropriate programmes.
4. To promote career counselling by organising guest lectures, awareness programmes, seminars etc.
5. To conduct training programmes, both in-house and out sourcing corporate trainers.
6. Plan and organise more Industry - Institute Interactions for the benefit of students and the faculty.

7. Introducing Video-Conference with Industry experts and RVR & JC Alumni (to create awareness for campus to corporate transformation) for career orientation and career exploration.

8. To build RVR & JC brand value in the corporate world.

<h4>Skill Development Center</h4>

Objectives

To implement a structured and pragmatic solution to skill and upskill the workforce in the state of A.P. and to increase employability, and promote entrepreneurship in sync with Industrial growth of the State.

To achieve the qualitative improvements in technical education and promote industry academia interfacing, to give training to improve employability, to create a pool of skilled work forcecatering the industry needs

Action Plan:

To organize the workshops, training programs at expert, advanced, foudation and master levels for Engineering, polytechnic and ITI courses.

To organize faculty development programs in various domains.

<h5>FOREWORD</h5>

Dear Fresher,

Warm greetings and hearty congratulations to you on getting admission at R.V.R. & J.C.College of Engineering. You have decided to study at

one of the best academic institutes in this state, We assure you that with the kind of academic and extra-curricular infrastructure we have, you are about to embark on a special voyage that will offer you some of the best moments you have ever lived through and which you will cherish for the rest of your life. The atmosphere on the campus is unique and we are sure you will enjoy it and make the best use of it.

Rest assured that our academic standards are rock solid and are attaining newer heights everyday. We are always ranked well among the engineering institutes in the country and this year is no exception. Every effort is continually made to enhance the student life that you are going to be part of as soon as you arrive. We sincerely hope that you do take part in some of the numerous NCC ,NSS and cultural activities that are routinely on offer during the year. We strongly urge you to blend the studies and play (and cultural activities) with the right balance, and use this opportunity to build a well rounded personality by the time you graduate as a true RVrian. We also urge you to take note of the rules and regulations that exist for all of us here.we are referring to both academic guidelines and also the rules for conduct and discipline.

We strongly believe that education teaches us not only how to think but the principles by which to live. You will find us here to be loving and compassionate and at the same time professional, firm in dealing with violators of our code of discipline and conduct. Having fun is human, but please be a responsible citizen. Please be firm to say no to any act of ragging, we can eliminate this menace from our society only if all of us stand firm against it. We have a series of plans to deter such acts of ragging and we are quite sure we will be able to offer you an incident free stay so that you can concentrate on your primary objective of studying and enjoying the student life here in our institute. We have in place a strong mentor programme to help you tide over the early days here and lend you a helping hand when you need it most.

Our Anti Ragging Committee members, Anti Ragging Squad and Mentoring cell at the College will extend that critical support if you have a need for it. If you find the experience here at any time a little overwhelming (and there is nothing unusual about it), please do not hesitate to contact us. We would love to hear from you, even if you have no problem as such. Just drop a line over email to say hello.

Feel free to get in touch with us in case you need any help or if you need any clarification on any matter. Have a great time at our beloved institute. And the final word: remain focused on your primary job, do not go astray; if it appears that you are drifting away, immediately get serious help.

</td>

</tr>

</td>

<td colspan = "2" bgcolor = "RED">

<center>

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</center>

</td>

</tr>

</table>

</body>

</html>

Output:

RVR&JC COLLEGE OF ENGINEERING (ATMONOMUS)

Main Menu

- 1.about rvr&jc
- 2.PLACEMENTS
- 3.Skill Development Center
- 4.sFOREWORD...

RVR&JC COLLEGE

R V R & J C College of Engineering (Rayapati Venkata Rangarao & Jagarlamudi Chandramouli), an engineering college in Guntur, Andhra Pradesh, India. The College offers Graduate (Masters) and Undergraduate education (Bachelors) Courses in Engineering and Technology. It is located in the west suburban region of Guntur City.[1] India [2][3] Established in 1985, RVR&JC is under the patronage of the Nagarjuna Education Society. Today eight educational institutions are functioning under the banner of the society, with RVR&JC as the flagship. The college is today one of the largest engineering institutions in South India. The college offers eight B.Tech degree courses, Six M.Tech degree courses, besides MCA and MBA courses. The college is an autonomous and affiliated to Acharya Nagarjuna University, Guntur. The institute attracts companies that conduct campus interviews for the students.[4] Objectives

placements

Objectives 1.To achieve 100% Placements. 2.To invite the best companies of different industries for Campus Recruitments. 3.Make students Industry ready with proper planning, focus and appropriate programmes. 4.To promote career counselling by organising guest lectures, awareness programmes, seminars etc. 5.To conduct training programmes, both in-house and out sourcing corporate trainers. 6.Plan and organise more Industry - Institute Interactions for the benefit of students and the faculty. 7.Introducing Video-Conference with Industry experts and RVR & JC Alumni (to create awareness for campus to corporate transformation) for career orientation and career exploration. 8.To build RVR & JC brand value in the corporate world.

Skill Development Center

Objectives To implement a structured and pragmatic solution to skill and upskill the workforce in the state of A.P. and to increase employability, and promote entrepreneurship in sync with Industrial growth of the State. To achieve the qualitative improvements in technical education and promote industry academia interfacing, to give training to improve employability, to create a pool of skilled work force catering the industry needs Action Plan: To organize the workshops, training programs at expert, advanced, foundation and master levels for Engineering, polytechnic and ITI courses. To organize faculty development programs in various domains.

FOREWORD

23°C
Mostly cloudy

ENG US 22:10 09-08-2022

c. Create a web page in the following table fields

<html>

<head>

<title>Table</title>

</head>

<body>

<table border="1" width="100%" style="border-collapse: collapse; border: 3px solid yellow;">

<tr>

<td rowspan="2">Name of train</td>

<td rowspan="2" >Place</td>

```

<td rowspan="2"><b>Destination</b></td>
<td rowspan="2"><b>Train No</b></td>
<td colspan="2"><b>Time</b></td>
<td rowspan="2"><b>Fair</b></td>
</tr>
<tr>
<td ><b>Arrival</b></td>
<td><b>Departure</b></td>
</tr>
</table>
</body>
</html>

```

output:



Name of train	Place	Destination	Train No	Time	Fair
				Arrival	Departure



7.

- a. Develop a web page having two frames that divide the Web page into two equal rows

```
<html>
<head>
<title>Frames</title>
</head>
<frameset rows="50%,50%">
<frame src="first.html" name="frame1"></frame>
<frame src="second.html" name="frame2"></frame>
</frameset>
</html>
```

First.html

```
<html>
<head>
</head>
<body>
<p> first page </p>
</body>
</html>
```

Second.html

```
<html>
<body>
```

```
<p> second html page </p>
```

```
</body>
```

```
</html>
```

Output:



- b. Develop a web page having two frames that divide the Web page into two equal rows and then divide the second row into two equal columns.

```
<html>
```

```
<head>
```

```
<title>Frames</title>
```

```
</head>
```

```
<frameset rows="50%,50%">
```

```
<frame src="first.html" name="frame1">
```

```
<frameset cols="50%,50%">
```

```
<frame src="second1.html" name="frame2">
```

```
<frame src="second.html" name="frame3">
```

```
</frameset>
```

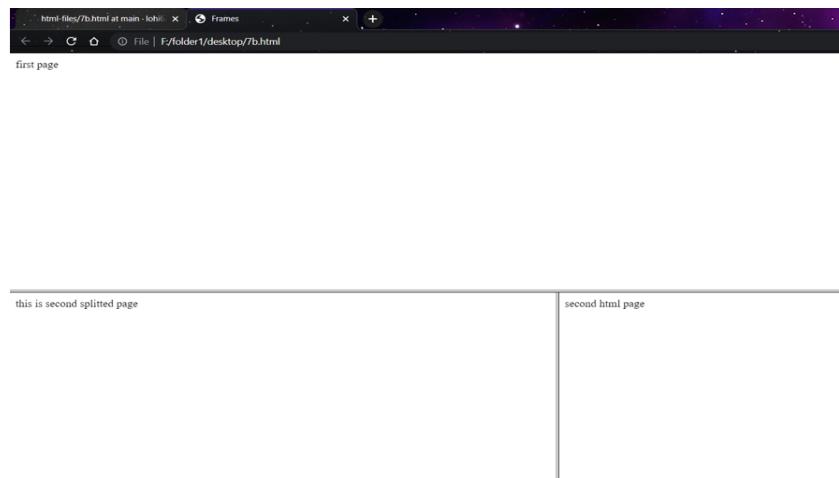
```
</frameset>
```

```
</html>
```

Second1.html

```
<html>
<body>
<p> this is second splitted page </p>
</body>
</html>
```

Output:

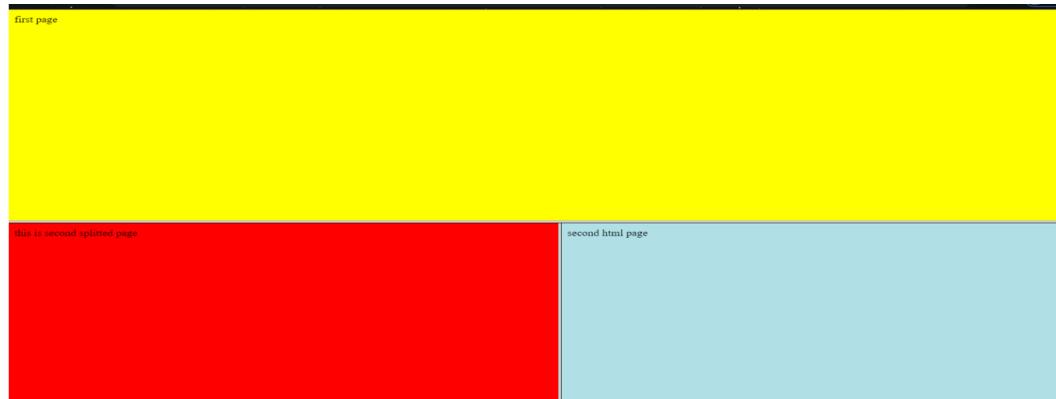


c. Develop a web page having frames as described in the above web page and then fill each frame with a different background colour

```
<html>
<head>
<title>Frames</title>
</head>
<frameset rows="50%,50%">
<frame src="first.html" name="frame1" style="background-color:yellow">
```

```
<frameset cols="50%,50%">  
<frame src="second1.html" name="frame2"  
style="background-color:red">  
  
<frame src="second.html" name="frame3"  
style="background-color:powderblue">  
  
</frameset>  
  
</frameset>  
  
</html>
```

Output:



8.

a. Create your bio-data form on a web page using all input types

```
<html>  
  
<head>  
  
<title>BIO DATA</title>  
  
</head>  
  
<marquee>  
  
<body bgcolor="pink"><font color="black"><font size=30>Biodata</font>
```

</marquee>

<hr>

<body>

Name:S.Nandhini

Father's name:S.Selvarajan

Mothers's name:S.Usha

DOB:18:12:1997

Address:Chennai-19

Mobile no:1234566543

Religion:Hindu

Nationality:Indian

Gender:Female

Qualification:BCA

<table style="width:50%" border=3>

<tr>

<th>semester</th>

<th>grade</th>

<th>cpga %</th>

</tr>

<tr>

<th>1</th>

<th>S</th>

```
<th>80%</th>
```

```
</tr>
```

```
<tr>
```

```
<th>2</th>
```

```
<th>A</th>
```

```
<th>78 %</th>
```

```
</tr>
```

```
</body>
```

```
</html>
```

Output:

The screenshot shows a web page with a pink header containing the title "Biodata". Below the header, there is a list of personal details: Name:S.Nandhini, Father's name:S.Selvarajan, Mothers's name:S.Usha, DOB:18:12:1997, Address:Chennai-19, Mobile no:1234566543, Religion:Hindu, Nationality:Indian, Gender:Female, Qualification:BCA. To the right of the text, there is a small icon of a computer monitor. At the bottom of the page, there is a table with three rows and three columns. The columns are labeled "semester", "grade", and "cpga %". The data in the table is as follows:

semester	grade	cpga %
1	S	80%
2	A	78 %

- b. Create a web page having radio buttons labeled as name of colours.
Clicking on each radio

button should change the colour of the Web page

```
<!DOCTYPE html>
```

```
<html>
```

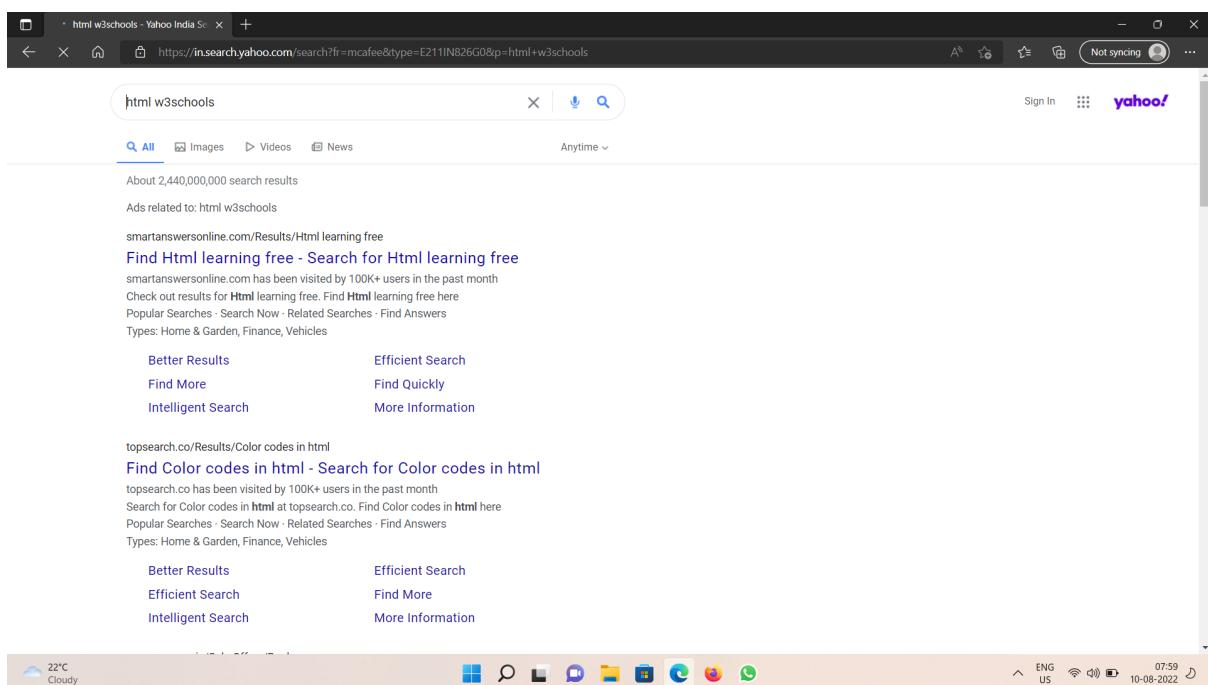
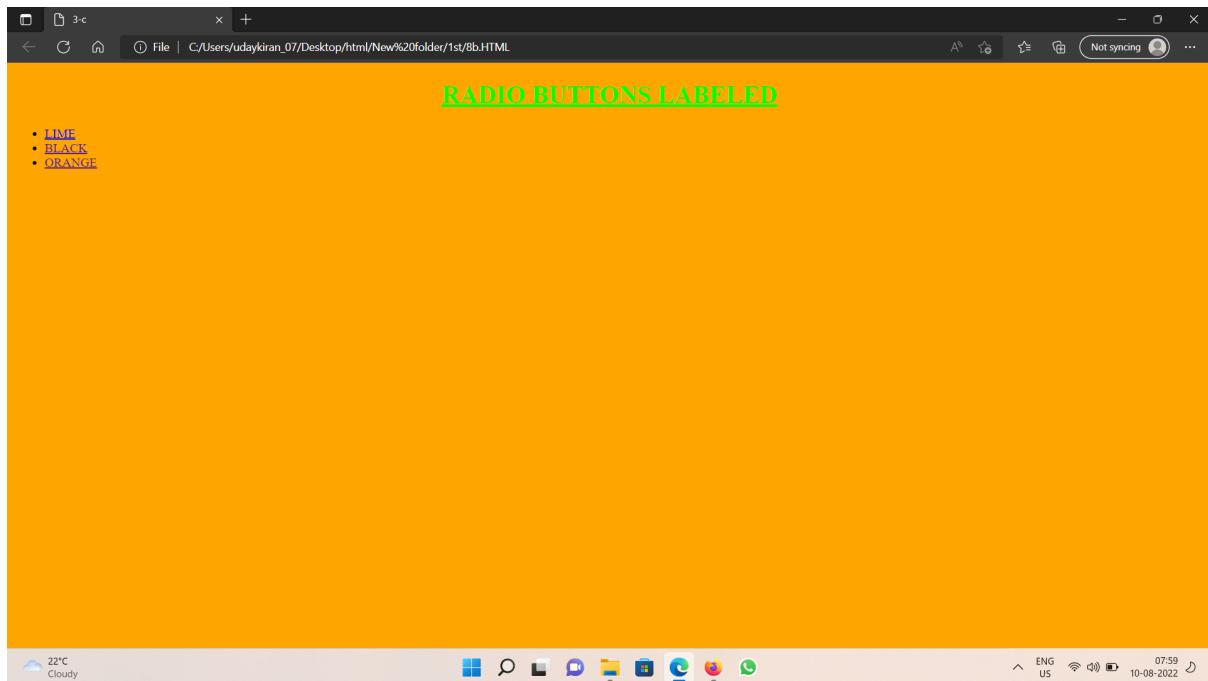
```
<style>
```

```
h1{  
    text-align:center;  
    color:lime  
}  
  
</style>  
  
<head>  
  
<title>3-c</title>  
  
</head>  
  
<body style="background-color:orange">  
  
<h1><u>RADIO BUTTONS LABELED</u></h1>  
  
<ul>  
  
<li><a href="https://rvrjcce.ac.in/"></a></li>  
  
<li><a href="https://in.search.yahoo.com/search?fr=mcafee&type=E211IN826G0&p=utube">LIME</a></li>  
  
<li><a href="https://in.search.yahoo.com/search?fr=mcafee&type=E211IN826G0&p=spotify">BLACK</a></li>  
  
<li><a href="https://in.search.yahoo.com/search?fr=mcafee&type=E211IN826G0&p=html+w3schools">ORANGE</a></li>  
  
</ul>
```

</body>

</html>

OUTPUT:



9. Create a webpage which displays the class time table and apply the following effects on the table: a. For the table header apply blue

as the background colour and white for the colour of the text in the table header.

```
<!DOCTYPE html>

<html>

<head>

<style>

table,th,td{

border:1px solid black;

border-collapse:collapse;

}

th{

font-style: bold;

background-color:blue;

color:white;

text-transform: capitalize;

}

h1{

color:red;

font-size:30px;

text-align:center;

}

</style>

</head>

<body style="color:lime;">

<h1>TIME TABLE</h1>

<table style="width:100%">
```

```
<tr>

<th>DAY</th>

<th>8:00-9:00</th>

<th>9:00-10:00</th>

<th>10:00-11:00</th>

<th>11:00-12:00</th>

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

<th>1:00-2:00</th>

<th>2:00-3:00</th>

</tr>

<tr style="text-align:center;">

<td>MON</td>

<td>cs</td>

<td>wt</td>

<td>se</td>

<td rowspan="6">lunch break</td>

<td>et&hv</td>

<td>dbms</td>

<td>os</td>

</tr>

<tr style="text-align:center;">

<td>TUE</td>

<td colspan="3">dbms lab</td>

<td>os</td>

<td>se</td>
```

```
<td>dbms</td>
</tr>

<tr style="text-align:center;">
<td>WED</td>
<td>se</td>
<td>dbms</td>
<td>cs</td>
<td colspan="3">wt lab</td>
</tr>

<tr style="text-align:center;">
<td>THU</td>
<td colspan="2">soc lab</td>
<td>wt</td>
<td>cs</td>
<td>os</td>
<td>library</td>
</tr>

<tr style="text-align:center;">
<td>FRI</td>
<td>wt</td>
<td>cs</td>
<td>os</td>
<td>et&hv</td>
<td>soc</td>
<td>dbms</td>
</tr>
```

```

<tr style="text-align:center;">
<td>SAT</td>
<td colspan="3">coding lab</td>
<td>wt</td>
<td>os</td>
<td>se</td>
</tr>
</table>
</body>
</html>

```

OUTPUT:



TIME TABLE

DAY	8:00-9:00	9:00-10:00	10:00-11:00	11:00-12:00	12:00-1:00	1:00-2:00	2:00-3:00
MON	cs	wt	se	lunch break	et&hv	dbms	os
TUE		dbms lab			os	se	dbms
WED	se	dbms	cs			wt lab	
THU		soc lab	wt		cs	os	library
FRI	wt	cs	os		et&hv	soc	dbms
SAT		coding lab			wt	os	se



b. Display days in a week (Mon, Tue etc...) in bold format with the first letter in the day name in uppercase.

```

<html>
<head>
<title>9b</title>

```

```
<style>
*{
    font-size: 30px;
    padding: 20px;
}

</style>

</head>

<body>

<table>

<tr>

<td>Mon</td>
<td>Tue</td>
<td>Wed</td>
<td>Thu</td>
<td>Fri</td>
<td>Sat</td>
<td>Sun</td>

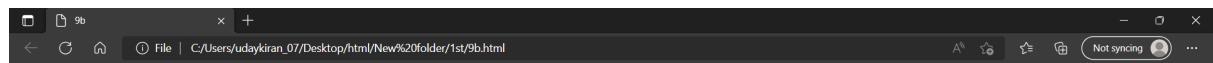
</tr>

</table>

</body>

</html>
```

OUTPUT:



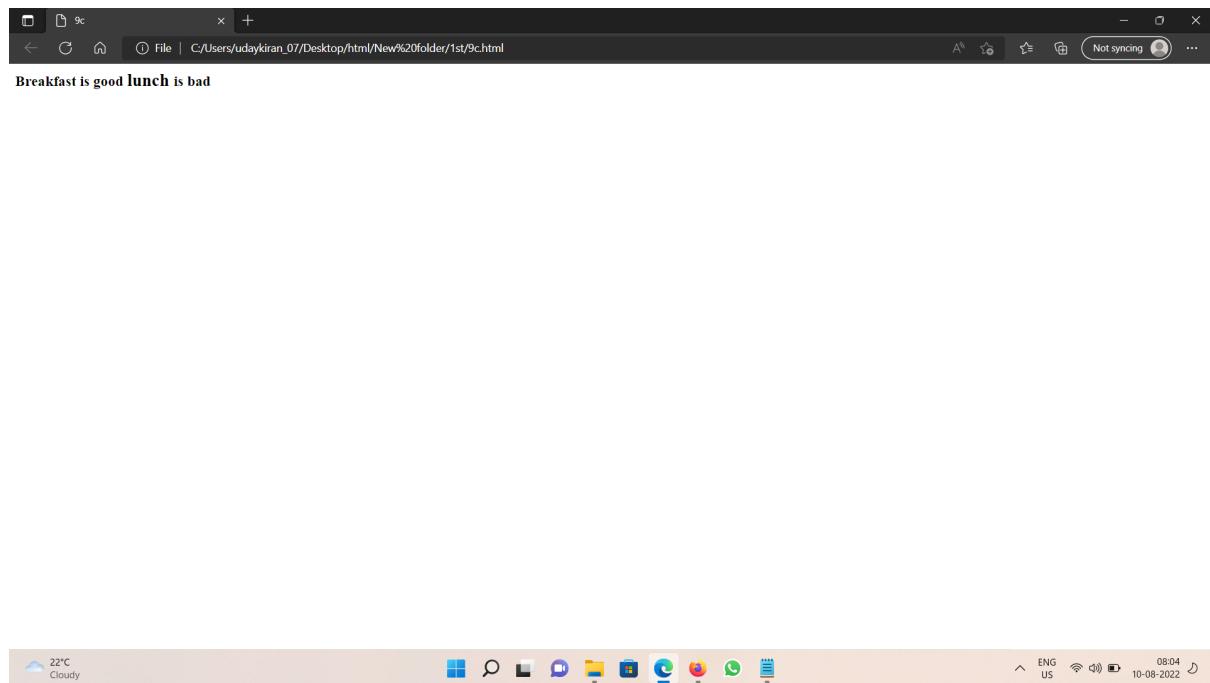
Mon Tue Wed Thu Fri Sat Sun



c. Display lunch slightly in bigger font other than the remaining text

```
<html>
<head>
    <title>9c</title>
</head>
<body>
    <h3>Breakfast is good <big> lunch </big> is bad</h3>
</body>
</html>
```

OUTPUT:

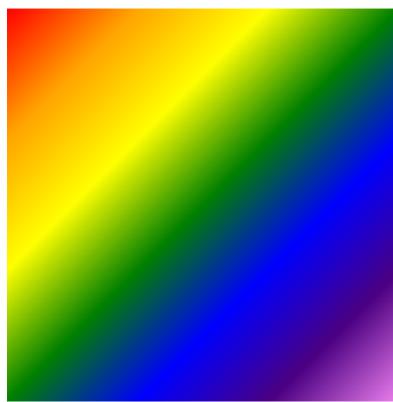
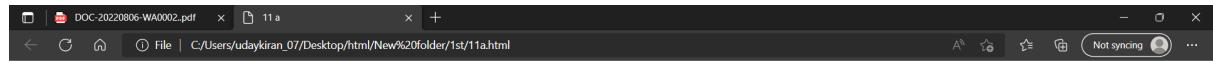


11. a. Create a div element with a width and height of 500px. Create a diagonal linear gradient using the colors of the rainbow—Red, Orange, Yellow, Green, Blue, Indigo, Violet. (Linear Gradient)

```
<html>
<head>
    <title>11 a</title>
    <style>
        .divison {
            width: 500px;
            height: 500px;
            background-image: linear-gradient(to bottom right, red, orange, yellow, green, blue, indigo, violet);
            margin: 50px;
            margin-left: 30%;
        }
    </style>
</head>
```

```
<body>  
<div class="divison"></div>  
</body>  
</html>
```

OUTPUT:



b. Create a div element with a width and height of 500px. Create a radial gradient with three colors. Start the gradient in the bottom-left corner with the colors changing as they move along the gradient line to the right. (Radial Gradient)

```
<html>
```

```
<head>
```

```
 <title>11 a</title>
```

```
 <style>
```

```
 .divison {
```

```
   width: 500px;
```

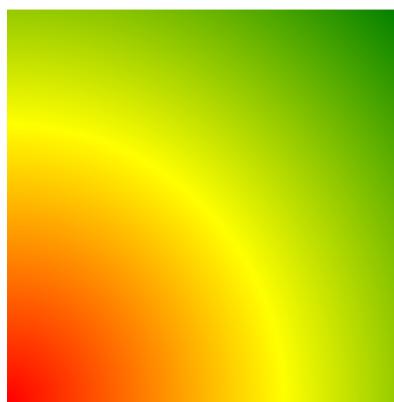
```
   height: 500px;
```

```
   background-image: radial-gradient(at bottom left, red, yellow, green);
```

```
   margin: 50px;
```

```
margin-left: 30%;  
}  
</style>  
</head>  
<body>  
    <div class="divison"></div>  
</body>  
</html>
```

OUTPUT:



c. Create an infinite animation of an element moving in a square pattern. (Animation)

```
<html>  
<head>  
    <title>11 c</title>  
  
<style>  
    .out{  
        width:500px;
```

```
height: 500px;  
margin:50px;  
margin-left: 30%;  
border:3px solid black;  
}  
  
@keyframes square{  
0% {top::0;left: 0}  
25% {top: 0;left :90%}  
50% {top :92%;left: 90%}  
75% {top :92%;left: 0}  
100% {top :0;left: 0}  
}  
  
.out h1{  
position:relative;  
margin: 0 0;  
background-color: lime;  
width: 50px;  
height: 50px  
padding:5px;  
border-radius: 50%;  
animation-name: square;  
animation-iteration-count: infinite;  
animation-timing-function: linear;  
animation-duration: 2s;  
}  
}
```

```
</style>

</head>

<body>

<div class="out">

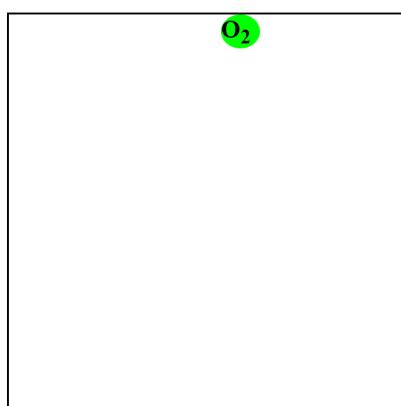
<h1>O<sub>2</sub></h1>

</div>

</body>

</html>
```

OUTPUT:



1. Write a java scripts to

a) Find the given year is leap year or not

```
function leapyear(year)
{
    return (year % 100 === 0) ? (year % 400 === 0) : (year % 4 === 0);

}
console.log(leapyear(2016));
console.log(leapyear(2000));
console.log(leapyear(1700));
console.log(leapyear(1800));
console.log(leapyear(100));
output:
true
true
false
false
false
```

b) Compute the biggest of three numbers

code:

```
function max_of_three(x, y, z)
{
    max_val = 0;
    if (x > y)
    {
        max_val = x;
    } else
```

```

{
    max_val = y;
}

if (z > max_val)
{
    max_val = z;
}

return max_val;
}

```

```

console.log(max_of_three(1,0,1));
console.log(max_of_three(0,-10,-20));
console.log(max_of_three(1000,510,440));
output:
1
0
1000

```

c) Perform the arithmetic operations using switch statement

code:

Output:

```

<!DOCTYPE html>
<html>
<head>
    <title> JavaScriptSwitchCase </title>
</head>
<h1> JavaScriptSwitchCase </h1>
<body>

```

```

<script>
    var opertor = '*';
    var number1 = 10, number2 = 2;
    switch (opertor)
    {
        case '+':
            document.write("Addition of two numbers is: " + (number1 + number2));
            break;
        case '-':
            document.write("Subtraction of two numbers is: " + (number1 - number2));
            break;
        case '*':
            document.write("Multiplication of two numbers is: " + (number1 * number2));
            break;
        case '/':
            document.write("Division of two numbers is: " + (number1 / number2));
            break;
        case '%':
            document.write("Module of two numbers is: " + (number1 % number2));
            break;
        default:
            document.write("<b> You have entered Wrong operator </b>");
            document.write("<br > Please enter Correct operator such as +, -, *, /, %");
    }
</script>
</body>
</html>

```

Output:

Multiplication of two numbers is:20

2. Write a java script to

a) Calculate the sum of the digits of a give number

code:

```

<!doctype html>
<html>
<body>
<script>
    var num=12345, rem, sum=0;
    while(num)

```

```
{  
    rem = num%10;  
    sum = sum+rem;  
    num = Math.floor(num/10);  
}  
document.write(sum);  
</script>  
</body>  
</html>
```

Output:

Sum:15

b) Reverse of a given number

```
<!DOCTYPE html>  
  
<html>  
  
<head>  
  
<script>  
  
function reversedNumber(num)  
{  
  
    var a,b,temp=0;  
  
    b=num;  
  
  
    while(num>0)  
    {  
        a=num%10;  
  
        num=parseInt(num/10);  
  
        temp=temp*10+a;  
  
    }  
  
    document.write("Reverse number: "+temp+"<br/>");
```

```
}
```

```
num = 34122332;  
document.write("Original number: "+num+"<br/>");  
reversedNumber(num);  
</script>  
  
<title>Reverse a number</title>  
</head>  
  
<body>  
  
</body>  
</html>
```

OUTPUT:

c) Print the first 10 natural numbers except 5

CODE:

3. Write a java script to

a) Generate random numbers using user defined function

code:

```
<!DOCTYPE html>  
  
<html>  
  
<body>  
  
<h1>JavaScript Math</h1>  
  
<h2>The Math.random() Method</h2>  
  
<p id="demo"></p>  
  
<script>
```

```
let x = Math.random() * 100;  
document.getElementById("demo").innerHTML = x;  
</script>  
</body>  
</html>
```

Output:

b) Find the factorial of a given number using Recursive function

code:<!DOCTYPE html>

```
<html>  
<head>  
</head>  
<body style = "text-align: center; font-size: 20px;">
```

Enter a number: <input id = "number">

```
<br><br>  
<button onclick = "fact1()"> Factorial </button>  
<p id = "res"></p>  
<script>  
function fact(num)  
{  
if (num == 0) {  
return 1;  
}  
else {  
return num * fact( num - 1 );
```

```

}

}

function fact1()

{
var num = document.getElementById("number").value;

var f = fact(num);

document.getElementById("res").innerHTML="The factorial of the number " + num + " is: " +
f;

}

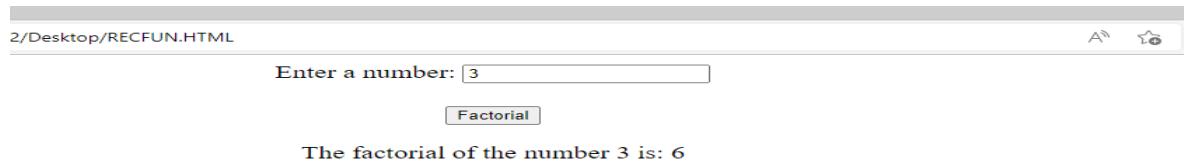
</script>

</body>

</html>

```

OUTPUT:



c) Display a random Image by clicking a button

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
img
```

```
{ width:200px;
```

```
height:300px;
```

```
}
```

```
</style>

</head>

<body>

<h1> displaying random image </h1>

<br>

</img>

<br>

<button onclick="func()"> click here ! </button>

<script>

function func()

{

var img_arr=["img1.jpg","img2.jpg","img3.jpg","img4.jpg"];

var p = Math.floor(Math.random()*img_arr.length);

document.getElementById("im").src=img_arr[p];

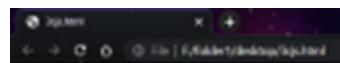
}

</script>

</body>

</html>
```

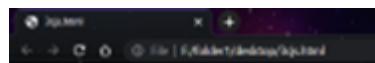
OUTPUT:



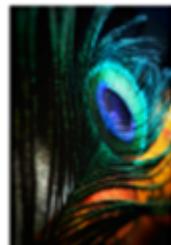
displaying random image



click here !



displaying random image



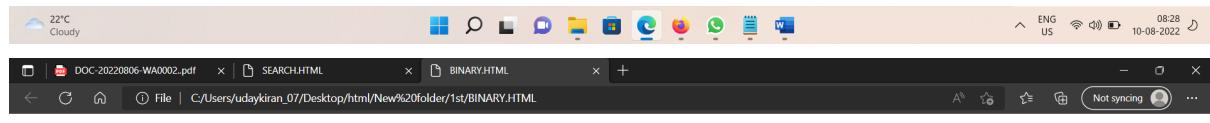
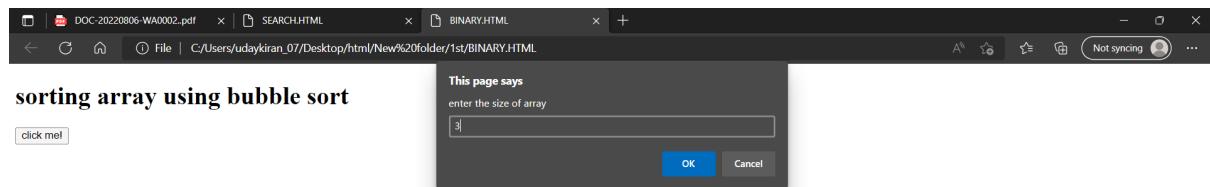
click here !

4. a) Write a java script to a) Sort the array element using bubble sort technique

```
<!doctype html>
<html>
<body>
<h1> sorting array using bubble sort </h1>
<button onclick="func()">click me!</button>
<p id="demo"></p>
<script>
function func()
{
var n = parseInt(prompt("enter the size of array"));
var a = new Array(n);
var i,j;
for(i=0;i<n;i++)
{
a[i]=parseInt(prompt("enter the number"));
}
for(i=0;i<n-1;i++)
{
for(j=0;j<n-i-1;j++)
{
```

```
if(a[j]>a[j+1])
{
var temp;
temp=a[j];
a[j]=a[j+1];
a[j+1]=temp;
}
}
}
document.getElementById("demo").innerHTML=a;
}
</script>
</body>
</html>
```

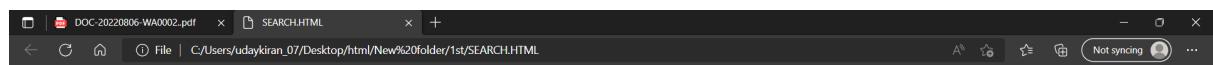
OUTPUT:



b) Search a given element in the set of elements using binary search technique.

```
<!DOCTYPE html>
<html>
<body>
<h1> binary search </h1>
<button onclick="func()">click here !</button>
<p id="demo"></p>
<script>
function func()
{
var n = parseInt(prompt("enter the size"));
```

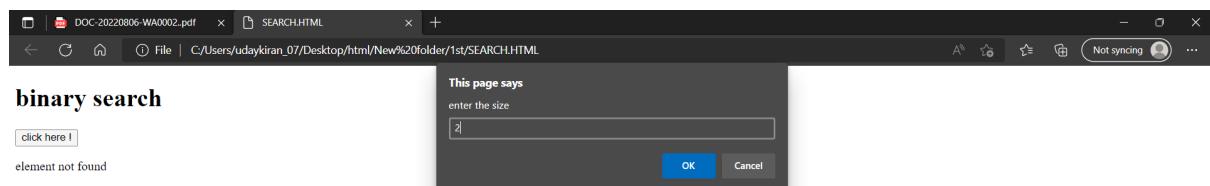
```
var a = new Array(n);
var i,j,mid,high,low;
var res_index=-1;
for(i=0;i<n;i++)
{
a[i]=parseInt(prompt("enter the number"));
}
a.sort();
low=0;
high=n-1;
var flag=1;
var ele = parseInt(prompt("enter the value to be searched"));
while(low<=high && flag==1)
{
mid=Math.floor((low+high)/2);
if(a[mid]==ele)
{
res_index=mid;
flag=0;
}
else if(a[mid]<ele)
{
low=mid+1;
}
else
{
high=mid-1;
}
}
if(res_index== -1)
{
document.getElementById("demo").innerHTML="element not found";
}
else
{
document.getElementById("demo").innerHTML="element found at position"+(res_index+1);
}
}
</script>
</body>
</html>
OUTPUT;
```



binary search

[click here !](#)

ENG
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c) Compute i) addition of two matrices ii) multiplication of two matrices

```
<!DOCTYPE html>
<html>
<body>
<h1>JS Matrix Addition</h1>
```

```
<script>
var i, j;
var arr1 = [
```

```

[1, 6, 1],
[2, 1, 7],
[1, 4, 1]
];
var arr2 = [
[4, 2, 5],
[2, 6, 2],
[1, 2, 8]
];
var arr3 = [
[0, 0, 0],
[0, 0, 0],
[0, 0, 0],
];

```

document.write("Matrix A (3 x 3):
");
for(i=0; i<3; i++)
{
for(j=0; j<3; j++)
document.write(arr1[i][j] +" ");
document.write("
");
}

document.write("Matrix B (3 x 3):
");
for(i=0; i<3; i++)
{
for(j=0; j<3; j++)
document.write(arr2[i][j] +" ");
document.write("
");
}

document.write("Sum of Matrix:
");
for(i=0; i<3; i++)
{
for(j=0; j<3; j++)
{
arr3[i][j] = arr1[i][j] + arr2[i][j];
document.write(arr3[i][j] +" ");
}
document.write("
");
}
</script>
</body>
</html>

OUTPUT:



JS Matrix Addition

```
Matrix A (3 x 3):
1 6 1
2 1 7
1 1 1
Matrix B (3 x 3):
4 2 5
2 6 2
1 2 8
Sum of Matrix:
5 8 6
4 7 9
2 6 9
```



```
<!DOCTYPE html>
<html>
<body>
<h1>JS Matrix Multiplication</h1>

<script>
var i, j, k;
var arr1 = [
  [11, 1, 1],
  [1, 7, 1],
  [1, 15, 1]
];
var arr2 = [
  [2, 2, 1],
  [2, 2, 6],
  [4, 2, 8]
];
var arr3 =[ 
  [0, 0, 0],
  [0, 0, 0],
  [0, 0, 0]
];

document.write("Matrix A (3 x 3):<br>");
for(i=0; i<3; i++)
{
  for(j=0; j<3; j++)
    document.write(arr1[i][j] + " ");
  document.write("<br>");
}
```

```

document.write("Matrix B (3 x 3):<br>");
for(i=0; i<3; i++)
{
    for(j=0; j<3; j++)
        document.write(arr2[i][j] + " ");
    document.write("<br>");
}

for(i=0; i<3; i++)
{
    for(j=0; j<3; j++)
    {
        for(k=0; k<3; k++)
            arr3[i][j] = arr3[i][j] + arr1[i][k] * arr2[k][j];
    }
}
document.write("Output:<br>");

for(i=0; i<3; i++)
{
    for(j=0; j<3; j++)
        document.write(arr3[i][j]+ " ");
    document.write("<br>");
}
</script>
</body>
</html>

```

OUTPUT:



JS Matrix Multiplication

```

Matrix A (3 x 3):
1 1 1
1 7 1
1 1 1
Matrix B (3 x 3):
2 2
2 2 6
4 2 8
Output:
28 26 25
20 18 51
36 34 99

```



