GANPAT UNIVERSITY

U.V. PATEL COLLEGE OF ENGINEERING

B. Tech 1st Semester CE/IT/CE-AI

2ES109: Basics of Web Technology

Practical-6

AIM: To study the HTML Tables.

A. Write the description for the following Tags i.e., Tag Type, Use, Attributes (Name, Value, and Description).

1. **\<TABLE\>**

    The Table tag defines the overall table and the Table Row (TR) tag is used to build each row.
    Syntax:\<table\>content\</table\>

2. **\<TH\>**

    The \<th\> tag defines a header cell in an HTML table**.**
    Syntax: \<th\>content\</th\>

3. **\<TR\>**

    The **\<tr\>**tag defines a row in an HTML table A **\<tr\>** element contains one or more\<th\>or\<td\>elements.
    Syntax:\<tr\>content\</tr\>

4. **\<TD\>**

    The \<td\>tag defines a standard data cell in an HTML table

B. Exercise :

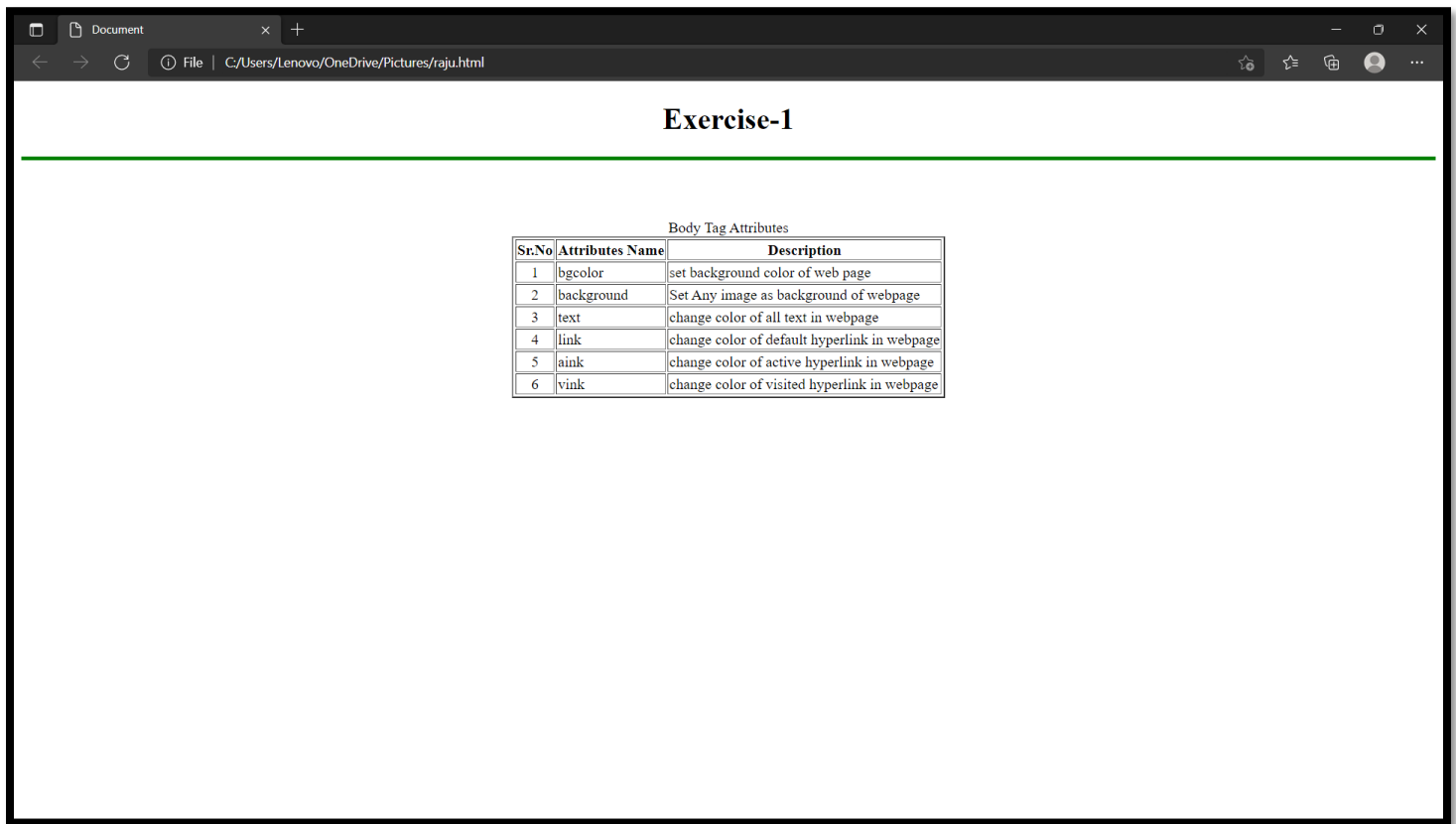**1.**   Write a HTML code to create the following table in HTML

Code:-

```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<meta http-equiv="X-UA-Compatible" content="IE=edge" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<title>Document</title>
</head>
<body>
<h1 align="center">Exercise-1</h1>
<hr color="green" size="4" />
<br /><br /><br />
<table align="center" border="2">
<caption>
        Body Tag Attributes
</caption>
<tr>
<th>Sr.No</th>
<th>Attributes Name</th>
<th>Description</th>
</tr>
<tr>
<td align="center">1</td>
<td>bgcolor</td>
<td>set background color of web page</td>
</tr>
<tr>
<td align="center">2</td><td>background</td>
<td>Set Any image as background of webpage</td>
</tr>
<tr>
<td align="center">3</td>
<td>text</td>
<td>change color of all text in webpage</td>
</tr>
```

```html
<tr>
<td align="center">4</td>
<td>link</td>
<td>change color of default hyperlink in webpage</td>
</tr>
<tr>
<td align="center">5</td>
<td>aink</td>
<td>change color of active hyperlink in webpage</td>
</tr>
<tr>
<td align="center">6</td>
<td>vink</td>
<td>change color of visited hyperlink in webpage</td>
</tr>
</table>
</body>
</html>
```

OUTPUT:

Exercise-1

Body Tag Attributes

Sr.No	Attributes Name	Description
1	bgcolor	set background color of web page
2	background	Set Any image as background of webpage
3	text	change color of all text in webpage
4	link	change color of default hyperlink in webpage
5	aink	change color of active hyperlink in webpage
6	vink	change color of visited hyperlink in webpage

2. **Write a HTML code to create the table in the following format to display Educational Information.**

    Code: -

```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body><b>
<table border="2"    align="center"  cellspacing="0" cellpadding="20"
bordercolor="indigo">
<tr>
<td align="center" height="50" rowspan="2" bgcolor="lightgreen">Sr.no</td>
```

```html
<td bgcolor="purple" valign="top" rowspan="2" >standard</td>
<td bgcolor="lightgreen" align="center" rowspan="2" valign="top">School
Name</td>
<td bgcolor="purple" align="center" rowspan="2" valign="top"
colspan="2">University/ ear</td>
<td bgcolor="lightgreen" align="left" colspan="2">Result</td>
</tr>
<tr>
<td bgcolor="purple" align="center">percentage</td>
<td bgcolor="purple" align="center">Grade/Class</td>
</tr>
<tr>
<td>1.</td>
<td>10th</td>
<td>MHS<br>SR. SEC. SCHOOL</td>
<td>RBSE</td>
<td>2019</td>
<td>80</td>
<td>A+</td>
</tr>
<tr>
<td>2.</td>
<td>12<sub>th</sub></td>
<td>MHS<br>SR. SEC. SCHOOL</td>
<td>RBSE</td>
<td>2021</td>
<td>93.4</td>
<td>A+</td>
</tr>
<tr>
<td>3.</td>
<td>B.TECH(CE)</td>
<td>UVPCE</td>
<td>University</td>
<td>2021</td>
<td></td>
<td></td>
</tr>
</table>
</b>
</body>
</html>
```
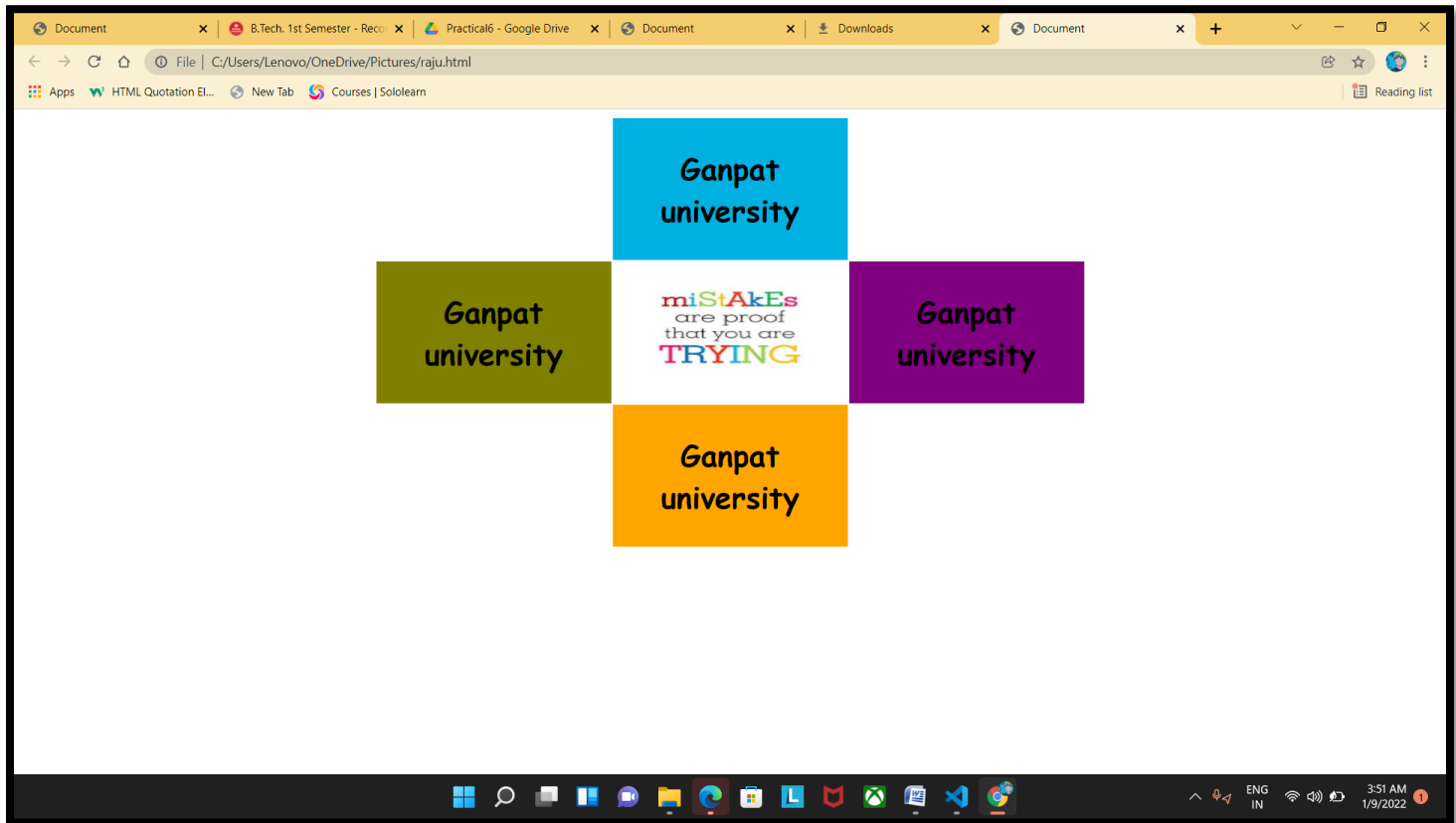
OUTPUT:

Sr.no	standard	School Name	University/ ear		Result	
					percentage	Grade/Class
1.	10th	MHS SR. SEC. SCHOOL	RBSE	2019	80	A+
2.	12th	MHS SR. SEC. SCHOOL	RBSE	2021	93.4	A+
3.	B.TECH(CE)	UVPCE	University	2021		

3. Design an HTML Page having in which set images as shown in the following Format
CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<meta http-equiv="X-UA-Compatible" content="IE=edge" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<title>Document</title>
</head>
<body>
<table align="center">
<tr>
<th width="200" height="150"></th>
```

```html
<th width="250" height="150" bgcolor="sky blue">
<h1>Ganpat university</h1>
</th>
</tr>
<tr>
<th width="250" height="150" bgcolor="olive">
<h1>Ganpat university</h1>
</th>
<th width="250" height="150">
<img src="e2.jpg" alt="image" height="130" width="160" /></th>
<th width="250" height="150" bgcolor="purple">
<h1>Ganpat university</h1>
</th>
</tr>
<tr>
<th width="200" height="150"></th>
<th width="200" height="150" bgcolor="orange">
<h1>Ganpat university</h1>
</th>
<th></th>
</tr>
</table>
</body>
</html>
```

OUTPUT:

4.   Write a HTML Code to generate the following output.

CODE:

```
<!DOCTYPE html>
<HTML>
<HEAD>
<TITLE>DOCUMENT</TITLE>
</HEAD>
<BODY bgColor="White" Text="black">
<TABLE align="center" BORDER="3" WIDTH="45%">
<TR>
<TD WIDTH="15%">
<IMG SRC="logo.jpg" WIDTH="250" HEIGHT="50"</TD>
<TD WIDTH="17%" colspan="2">
<IMG SRC="t2.jpg"WIDTH="800" HEIGHT="80"</TD>
<TD WIDTH="68%"></TD>
```

```html
</TR>
<TR>
<TD WIDTH="20%" align="center">
<a
href="https://sites.google.com/ganpatuniversity.ac.in/firstsem21/course/cei
tceaicsbs">Computer Engineering</a><br><br>
<a
href="https://sites.google.com/ganpatuniversity.ac.in/firstsem21/course/cei
tceaicsbs">Information technology</a><br><br>
<a
href="https://sites.google.com/ganpatuniversity.ac.in/firstsem21/course/mem
cauto">Mechnic al Engineering</a><br><br>
<a
href="https://sites.google.com/ganpatuniversity.ac.in/firstsem21/course/civ
il">Civil Engineering</a><br><br>
<a
href="https://sites.google.com/ganpatuniversity.ac.in/firstsem21/course/mem
cauto">Mechatr onics Engineering</a><br><br>
</TD>
<TD WIDTH="140%">
<h1 align="center">
DESCRIPTION
<font size="2"><p>The name of coolege is U.V.P.C.E. It is a very good
college.I am in this college.If know more detail log on to web site. Its
very Great pleasure to study here. No.1 college in india. I have many
friends here.We all here enjoy so much in all fields.In more learning that
we have holidays on weekends rather than other college.  </p></TD></font>
<TD WIDTH="20%">
<h1 align="center">
NEWS SECTION</TD>
</TR>
<TR>
<td colspan="3">
<IMG SRC="t3.JPG" WIDTH="1050" HEIGHT="120"></td>
</TR>
</TABLE>
</BODY>
</HTML>
```

OUTPUT: