

WEB TECHNOLOGY

LAB RECORD 1

NAME : ANIRBAN HAZRA

SECTION : CSE - 16

ROLL : 2005643

DATE : 11/02/2022

LAB CLASS 1

Q . Design a web page for an Institute using basic text formatting tags and lists supported by HTML.

HTML CODE:

```
<html>
<head>
    <title>
        INSTITUTE DETAILS
    </title>
</head>

<body bgcolor="pink">



<h1><u><b><div align="center">
BHUBANESWAR INSTITUTE OF TECHNOLOGY
</div></b></u></h1>

<marquee>
<font color="blue" size="5">
    Celebrating 25 years of Glorious achievements [Silver Jubilee]
</font>
</marquee>

<h3>About the Institute:</h3>

<div style="background-color:ffff66;">
<p>
Bhubaneswar Institute of technology is among the premier institutes of India. It is the
no. 1 engineering college in East India. Started just as a school in 1997 with just 12
students , it has come a long way since then, and today 25 years later , we can proudly
say that creating this institute under the tutelage of <u><b>Shri. Bhuvan
Goswami</b></u> was one of the best decisions ever taken for the education of
children in East India.
</p>

<p>
This university not only provides quality education but also an environment which
is essential for mental peace of the student. The entire campus is surrounded by lush
green fields, which is a treat to the eyes.
</p>

Apart from studies , students can explore other fields of interest as well such as:
<ul type="circle">
<li>Sports
    <ol>
```

```

        <li>Cricket</li>
        <li>Football</li>
        <li>Badminton</li>
        <li>Table Tennis</li>
    </ol>
</li>
<li>Swimming</li>
<li>Gymming</li>
<li>Music and Dance</li>
<li>Drama Academy</li>
</ul>
</div>
<div>


```

<h3>Courses offered by the Institute are:</h3>

<div style="background-color:#ccfff;">

<table border="2">

<tr>

<th>School</th>

<th>Courses offered</th>

</tr>

<tr>

<td>Technology</td>

<td>

Computer Science

Electrical

Electronics

Mechanical

Civil

</td>

</tr>

<tr>

<td>Medical</td>

<td>Doctor/Surgeon

Dental

</td>

</tr>

<tr>

<td>Others</td>

<td>BCA

BBA

B.Arch

BSc.Nursing

</td>

</tr>

</table>

</div>

<div style="background-color:#99ff99;">

How to contact us?

Email us :<u> admission.cse@bhuv.ac.in </u>

Call us : 9473297516 , 7833459022

Note : Please email us or call us only with your registered email-id or phone number.
Phone call or mails with unauthorized ID's wont be recieved or entertained.

</div>

<pre>

<div style="background-color:#ffff99;">

ADMISSIONS OPEN !

Register right now for the BITEE Entrance examination.

ABSOLUTELY FREE OF COST!

To register,APPLY HERE.

Last Day to register is 25th March 2022. Hurry.

</div>

</pre>

</body>

</html>

THE SCREEN SHOT OF THE WEB PAGE IS GIVEN IN THE NEXT PAGE



BHUBANESWAR INSTITUTE OF TECHNOLOGY



Celebrating 25 years of Glorious achievements [Silver Jubilee]

About the Institute:

Bhubaneswar Institute of technology is among the premier institutes of India. It is the no. 1 engineering college in East India. Started just as a school in 1997 with just 12 students , it has come a long way since then, and today 25 years later , we can proudly say that creating this institute under the tutelage of **Shri. Bhuvan Goswami** was one of the best decisions ever taken for the education of children in East India.

This university not only provides quality education but also an environment which is essential for mental peace of the student. The entire campus is surrounded by lush green fields, which is a treat to the eyes.

Apart from studies , students can explore other fields of interest as well such as:

- Sports
 1. Cricket
 2. Football
 3. Badminton
 4. Table Tennis
- Swimming
- Gymming
- Music and Dance
- Drama Academy

Courses offered by the Institute are:

School	Courses offered
Technology	Computer Science Electrical Electronics Mechanical Civil
Medical	Doctor/Surgeon Dental
Others	BCA BBA B.Arch BSc.Nursing



How to contact us?

Email us : admission.cse@bhuv.ac.in

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**BHUBANESWAR
INSTITUTE OF
TECHNOLOGY**

BITEE EXAM 2022

LAB CLASS 2

Q1 . Design the following table in HTML.

A		
B	C	
	D	E

HTML CODE:

```
<html>
<head>
  <title>
    Table
  </title>
</head>

<body bgcolor="ccfff">
<br><br><br><br><br><br><br><br><br>

<center>
<table border="2" width="500" height="200">
<tr>
  <th colspan=3 bgcolor="pink"> A </th>
</tr>

<tr>
  <th rowspan=2 bgcolor="white"> B </th>
  <th colspan=2 bgcolor="ffff99"> C </th>
</tr>

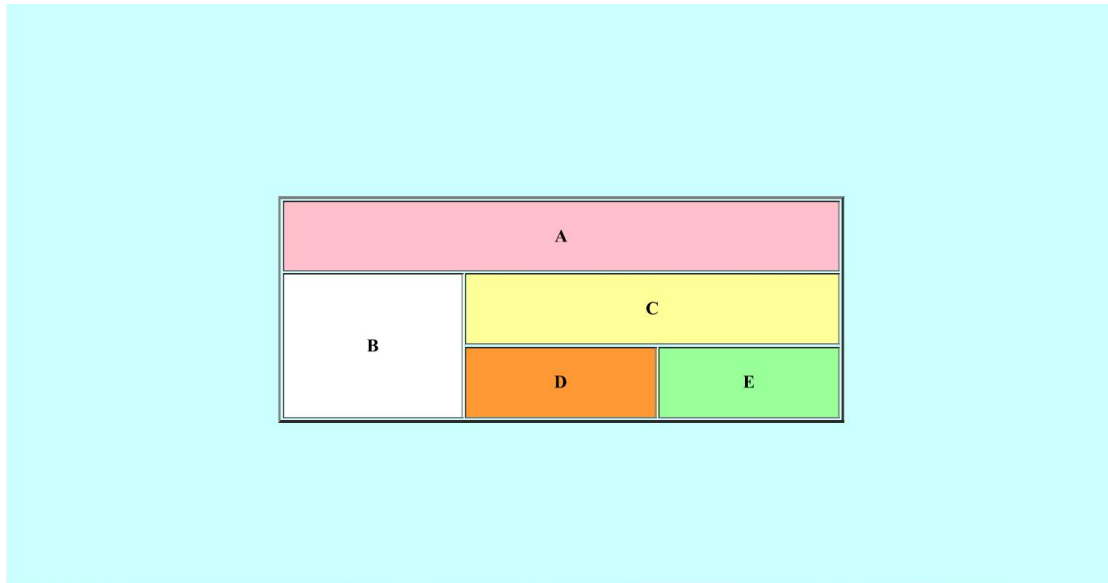
<tr>
  <th bgcolor="ff9933"> D </th>
  <th bgcolor="99ff99"> E </th>
</tr>

</table>

</center>

</body>
</html>
```

THE SCREEN SHOT OF THE WEB PAGE IS GIVEN IN THE NEXT PAGE



Q2. Design a Web Page in HTML depicting your BIO-DATA with a photograph and educational details in a tabular format.

HTML CODE:

```
<html>
<head>
  <title>
    BIODATA
  </title>

  <link rel="stylesheet" type="text/css" href="Lab2.2css.css" />
</head>

<body>
<table border=15 bordercolor="000066">
<tr>
<td>
<h1 align="center"><u>
  BIO-DATA
</u>
</h1>

<br><br><br><br>
<center>

</center>

<font size="5">
<pre>
<i><h2>
  <u>PERSONAL INFORMATION:</u>
```

</h2></i>
<u>Name</u> : ANIRBAN HAZRA

Date of Birth : 03-11-2002

Father's Name : Tapas Kumar Hazra

Address : GD-366/8 , Sector-3 , Saltlake , Kolkata-700106

Contact No: : 9477497219

Email-ID : anirbanhazra031102@gmail.com

Nationality : INDIAN

Occupation : Student

</pre>

<pre>

<h1><i> <u>EDUCATIONAL QUALIFICATION:</u></i></h1>

My educational experience and qualifications are provided in the table below:

</pre>

<center>

<table border=2 width="500" height="200" bgcolor="ffff99">

<tr>

<th>YEAR</th>

<th>DEGREE</th>

<th>UNIVERSITY</th>

<th>GRADE/CGPA</th>

</tr>

<tr align="center">

<td bgcolor="#99ff99">2018</td>

<td>CBSE-10</td>

<td>Bhavan's</td>

<td>95.2%</td>

</tr>

<tr align="center">

<td bgcolor="99ff99">2020</td>

<td>CBSE-12</td>

<td>Bhavan's</td>

<td>95.8%</td>

</tr>

<tr align="center">

<td bgcolor="99ff99">2024</td>

<td>B.Tech</td>

<td>KIIT</td>

<td>9.71</td>

</tr>

</table>

</center>

<pre>

<h1> <u>SKILLS:</u> </h1>

1. Programming - C , C++ , Java , HTML(CSS)
2. DBMS (SQL , PLSQL)
3. Data Structures , Object Oriented Programming
4. Engineering Graphics - AUTOCAD

I , Anirban Hazra, the undersigned , hereby declare that all the data provided above
in the Bio-Data is true to the best of my knowledge.

</pre>

<center>

SIGNATURE-

</center>

</td>

</tr>

</table>

</body>

</html>

CSS CODE:

```
body {  
    background-image: url('Background CV.jpg');  
    background-repeat: no-repeat;  
    background-size: cover;  
}
```

```
th {  
    padding-left: .5em;  
    padding-right: .5em;  
    border: 1px solid #900;  
    background-color: pink;  
}
```

```
h1 {  
    color: black;  
}
```

THE SCREEN-SHOT OF THE WEB - PAGE CREATED THROUGH THE ABOVE HTML AND CSS CODE IS GIVEN IN THE NEXT PAGE

BIO-DATA



PERSONAL INFORMATION:

Name : ANIRBAN HAZRA
Date of Birth : 03-11-2002
Father's Name : Tapas Kumar Hazra
Address : GD-366/8 , Sector-3 , Saltlake , Kolkata-700106
Contact No: : 9477497219
Email-ID : anirbanhazra031102@gmail.com
Nationality : INDIAN
Occupation : Student

EDUCATIONAL QUALIFICATION:

My educational experience and qualifications are provided in the table below:

YEAR	DEGREE	UNIVERSITY	GRADE/CGPA
2018	CBSE-10	Bhavan's	95.2%
2020	CBSE-12	Bhavan's	95.8%
2024	B.Tech	KIIT	9.71

SKILLS:

1. Programming - C , C++ , Java , HTML(CSS)
2. DBMS (SQL , PLSQL)
3. Data Structures , Object Oriented Programming
4. Engineering Graphics - AUTOCAD

I , Anirban Hazra, the undersigned , hereby declare that all the data provided above in the Bio-Data is true to the best of my knowledge.

SIGNATURE-

Anirban Hazra

LAB CLASS 3

Q . Create a Web Page having 3 frames . In the top frame NAME OF THE COMPANY should be displayed. In the right frame , COMPANY PROFILE is displayed, and in the left frame there are 2 hyperlinks , OUR PRODUCTS and CONTACT US which are linked to their respective pages. On clicking any of these links the corresponding page should open in the right frame.

NAME OF COMPANY	
OUR PRODUCTS CONTACT US	COMPANY PROFILE

HTML CODE:

Lab3.1.html

```
<html>
<head>
  <title>
    COMPANY DETAILS
  </title>
</head>

<frameset rows="20%,80%" border=3>
  <frame src="Lab3.2.html"/>
    <frameset cols="30% ,70%" border=3>
      <frame src="Lab3.3.html" name="left"/>
      <frame src="Lab3.6.html" name="right"/>
    </frameset>
</frameset>

</html>
```

Lab3.2.html

```
<html>
<body bgcolor="pink">



```

```
<center>
<h1><u> AMAZON </u></h1>
</center>
<font size="4">
<marquee> Our company always at your service </marquee>
</font>
</body>
</html>
```

Lab3.3.html

```
<html>
<body bgcolor="ffff99">

<h2>
<a href="Lab3.4.html" target="right">1. OUR PRODUCTS</a><br><br><br>
<a href="Lab3.5.html" target="right">2. CONTACT US</a>
</h2>

</body>
</html>
```

Lab3.4.html

```
<html>
<body bgcolor="ccffff">
<h2><u>
    Our products are:
</u></h2>
<br><br><br>

<table align="center">
<tr>
    <td>
        1.Pulses
    </td>
    <td>
        
    </td>
</tr>
<tr>
    <td>
        2.Utensils
    </td>
    <td>
        
    </td>
</tr>
```

```

<tr>
  <td>
    3.Electronics
  </td>
  <td>
    
  </td>
</tr>
<tr>
  <td>
    4.Retail Goods
  </td>
  <td>
    
  </td>
</tr>
<tr>
  <td>
    5.Body Care
  </td>
  <td>
    
  </td>
</tr>
</table>

</body>
</html>

```

Lab3.5.html

```

<html>
<body bgcolor="cefff" >
<pre>
<h1>
  CONTACT US :
</h1>
<h2>    PHONE NUMBERS ARE:
          9477497219
          6722390562
          6733905335

          OR <br>
          EMAIL US AT:
            <a href="mailto:amazon@gmail.com">amazon@gmail.com
            <a href="mailto:amazongroceries@yahoo.co.in">amazongroceries@yahoo.co.in
            <a href="mailto:amazonlife@rediffmail.com">amazonlife@rediffmail.com
</h2>
</pre>
</body></html>

```

Lab3.6.html

```
<html>
<body bgcolor="cefff" >
<h1><u>AMAZON COMPANY PROFILE:</u><h1>
```

```
<h4>
```

Amazon.com, is an American multinational technology company which focuses on ecommerce, cloud computing, digital streaming, and artificial intelligence. It is one of the Big Five companies in the U.S. information technology industry, along with Google (Alphabet Inc.), Apple, Meta (Facebook), and Microsoft. It has been referred to as "one of the most influential economic and cultural forces in the world", and the world's most valuable brand.

```
</h4>
```

```
<center>
```

```
<p>
```

```

```

```
</p>
```

```
<p>
```

```
<h4>
```

This is a pictures of the Amazon Headquarters.

```
</h4>
```

```
</p>
```

```
</center>
```

```
</body>
```



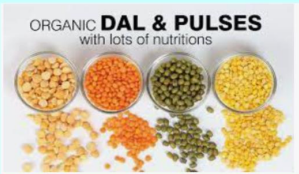

```
</html>
```

THE SCREENSHOTS OF THE WEB PAGE CREATED THROUGH THE ABOVE HTML CODES IS PROVIDED IN THE NEXT PAGE

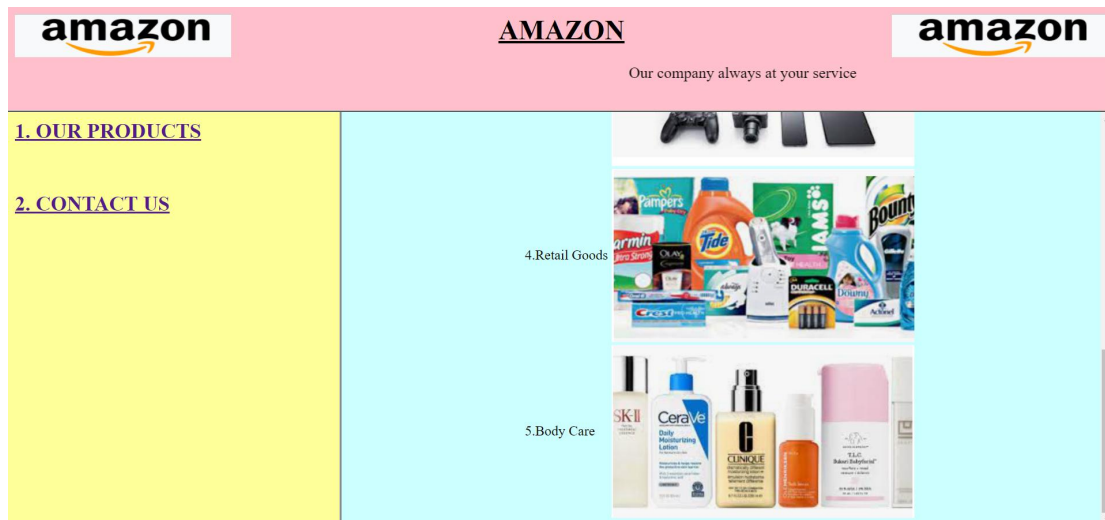
ORIGINAL PAGE:

		<u>AMAZON</u>		
Our company always at your service				
1. OUR PRODUCTS	<u>AMAZON COMPANY PROFILE:</u>			
	<p>Amazon.com, is an American multinational technology company which focuses on e-commerce, cloud computing, digital streaming, and artificial intelligence. It is one of the Big Five companies in the U.S. information technology industry, along with Google (Alphabet Inc.), Apple, Meta (Facebook), and Microsoft. It has been referred to as "one of the most influential economic and cultural forces in the world", and the world's most valuable brand.</p>			
2. CONTACT US				
	This is a pictures of the Amazon Headquarters.			

When “OUR PRODUCTS” is clicked :

		<u>AMAZON</u>		
Our company always at your service				
1. OUR PRODUCTS	<u>Our products are:</u>			
	<div><div>1.Pulses</div></div> <div><div>2.Utensils</div></div>			
2. CONTACT US				

		<u>AMAZON</u>		
Our company always at your service				
1. OUR PRODUCTS	<div><div>3.Electronics</div></div> <div><div>4.Retail Goods</div></div>			
	2. CONTACT US			



When “CONTACT US” is clicked:



LAB CLASS 4

Q . Create a html form using the following fields -

Name	-textbox
Address	-textarea
Password	-password
DateOfBirth	-date
Gender	-radio button (male or female)
Hobbies	-checkbox (minimum three hobbies)
YearOfGraduation	-select option
Email-id	-textbox
Submit	-button
Clear	-button

On submission of the form, a thanking page should be displayed.

HTML CODE:

Main Code:

```
<html>
<head>

<style>
body { background-image: url('Background CV.jpg');
      background-repeat: no-repeat;
      background-size:cover;
    }
</style>

</head>

<body bgcolor="pink">

<h1 align="center"><u> PERSONAL DETAILS </u></h1>

<pre>
<center>
<form method="post" action="thanks.html">
<br><br>

<table>
<tr>
<td>
      <label for="sname"><h2>NAME</h2></label>
    </td>
<td>
      <input type="text" size="20" maxlength="30" />
    </td>

```

```

</tr>
<tr>

<td>
<label for="address"><h2>ADDRESS</h2></label></td>
<td>
<textarea name="address" rows=3 cols=25>
placeholder="Enter your address here"</textarea>
</td>

</tr>

<tr>
<td>
<label for="password"><h2>PASSWORD</h2></label></td>
<td>
<input type="password"/>
</td>
</tr>

<tr>
<td>
<label for="dob"><h2>Date of birth</h2></label></td>
<td>
<input type="date" />
</td>
</tr>

<tr>
<td>
<label for="gender"><h2>GENDER : </h2></label>
</td>
<td>
<input type="radio" name="gen" value="m"/>MALE<br>
<input type="radio" name="gen" value="f"/>FEMALE<br>
</td>
</tr>

<tr>
<td>
<label for="qual"><h2>Hobbies</h2></label><br>
</td>
<td>
<input type="checkbox" name="hob1"/>Swimming<br>
<input type="checkbox" name="hob2"/>Gardening<br>
<input type="checkbox" name="hob3"/>Singing<br><br>
</td>
</tr>

```

```

<tr>
<td>
<label for="qual"><h2>YEAR OF GRADUATION</h2></label><br></td>
<td>
<select name="YEAR OF GRADUATION" size=4>
<option>2021</option>
<option>2022</option>
<option>2023</option>
<option>2024</option>
</select>
</td>
</tr>
<br><br>
<tr>
<td>
<label for="email"><h2>EMAIL-ID</h2></label></td>
<td>
<input type="text" size="30" maxlength="50" />
</td>
</tr>
</table>
<br><br>
<input type="submit" value="SUBMIT" /> <input type="reset" value="CLEAR"/>

</center>
</pre>
</form>
</body>
</html>

```

thanks.html

```

<html>

<body bgcolor="pink">

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

<h1>
<marquee>
THANK YOU FOR FILLING THE FORM.
</marquee>
<center>

</center>
</h1>

</body>
</html>

```

FORM:

PERSONAL DETAILS

NAME	<input type="text" value="ANIRBAN HAZRA"/>
ADDRESS	<input type="text" value="GD-366/8
Sector 3
Saltlake"/>
PASSWORD	<input type="password" value="*****"/>
Date of birth	<input type="text" value="11/03/2002"/>
GENDER :	<input checked="" type="radio"/> MALE <input type="radio"/> FEMALE
Hobbies	<input checked="" type="checkbox"/> Swimming <input checked="" type="checkbox"/> Gardening <input type="checkbox"/> Singing
YEAR OF GRADUATION	<div>2021 2022 2023 2024</div>
EMAIL-ID	<input type="text" value="anirbanhazra031102@gmail.com"/>
<input type="button" value="SUBMIT"/> <input type="button" value="CLEAR"/>	

THANKS :

THANK YOU FOR FILLING THE FORM.



LAB CLASS 5

1. Write a program in Java to print your rollno, name, section and branch in separate lines.

PROGRAM CODE:

```
public class Lab51
{
    public static void main(String[] args)
    {
        System.out.println("Roll - 2005643\n");
        System.out.println("Name - Anirban Hazra\n");
        System.out.println("Section - CSE 16\n");
        System.out.println("Branch - CS Engineering\n");
    }
}
```

OUTPUT:

```
Roll - 2005643

Name - Anirban Hazra

Section - CSE 16

Branch - CS Engineering
```

2. Write a program in Java to print the result of AND ,OR & XOR operation of two integers.

PROGRAM CODE:

```
public class Lab52
{
    public static void main(String[] args)
    {
        int a , b ;
        a=5;
        b=8;

        System.out.println("a AND b = "+(a & b));
        System.out.println("a OR b = "+(a | b));
        System.out.println("a XOR b = "+(a ^ b));
    }
}
```

OUTPUT:

```
a AND b = 0
a OR b = 13
a XOR b = 13
```

3. Program to print the corresponding grade for the given mark using if ..else statement in Java .

PROGRAM CODE:

```
public class Lab53{
    public static void main(String[] args)
    {
        int mark=87;
        if (mark>=90) System.out.println(" O GRADE ");
        else if (mark>=80 && mark<90) System.out.println(" E GRADE ");
        else if (mark>=70 && mark<80) System.out.println(" A GRADE ");
        else if (mark>=60 && mark<70) System.out.println(" B GRADE ");
        else if (mark>=50 && mark<60) System.out.println(" C GRADE ");
        else if (mark>=40 && mark<50) System.out.println(" D GRADE ");
        else System.out.println(" FAIL ");

    }
}
```

OUTPUT:

```
E GRADE
```

4. Program to print the corresponding week day for the given day no. of the current month using switch..case statement in Java.

PROGRAM CODE:

```
public class Lab54{
    public static void main(String[] args)
    {
        int Date = 7;
        switch (Date)
        {
            case 1:
            case 8:
            case 15:
            case 22: System.out.println("Day is Tuesday");
```

```

        break;
    case 2:
    case 9:
    case 16:
    case 23: System.out.println("Day is Wednesday");
        break;
    case 3:
    case 10:
    case 17:
    case 24: System.out.println("Day is Thursday");
        break;
    case 4:
    case 11:
    case 18:
    case 25: System.out.println("Day is Friday");
        break;
    case 5:
    case 12:
    case 19:
    case 26: System.out.println("Day is Saturday");
        break;
    case 6:
    case 13:
    case 20:
    case 27: System.out.println("Day is Sunday");
        break;
    case 7:
    case 14:
    case 21:
    case 28: System.out.println("Day is Monday");
        break;
    default: System.out.println("Invalid Input");
        break;
    }
}
}

```

OUTPUT:

Day is Monday

5. Program to check a number is palindrome or not.

PROGRAM CODE:

```
public class Lab55{  
    public static void main(String[] args)  
    {  
        int num=10101;  
        int rev=0, rem;  
        int num1=num;  
        while(num !=0)  
        {  
            rem=num%10;  
            rev= rev * 10 + rem;  
            num = num / 10;  
        }  
        if(num1 == rev)  
            System.out.println(num1+" is Palindrome");  
        else  
            System.out.println(num1+" is not Palindrome");  
    }  
}
```

OUTPUT:

```
10101 is Palindrome
```

THANK YOU
