

Problem Statement 1:- Write a html code to design a web page to create time table using table tag of html?

CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>timetable</title>
</head>
<body>
<H2><U>TIME-TABLE</U></H2>
<B>COURSE:</B>BCA'D1'
<p><b>CLASS COORDINATOR:</b> MS.ASHTHA</p>
<TABLE BORDER="1" CELSPACING="0" CELLPADDING="6"
ALLIGN="CENTRE" BGCOLOR="orange">
<tr>
<th>Days</th><th>8:00-8:55</th><th>8:55-9:50</th><th>10:10-
11:05</th><th>11:05-12:00</th><th>12:00-12:55</th><th>12:55-
1:50</th><th>2:10-3:05</th><th>3:05-4:00</th><th>4:00-4:55</th><th>4:55-
5:50</th>
</tr>
<BR>
<tr>
<PRE><td>MON</td><td></td><td></td><td></td><td></td><td></td><td>
</td><td></td><td></td><td></td><td></td></tr></TR>
<BR>
<TR>
<td>TUE</td><td></td><td></td><td></td><td></td><td>TBC401<BR>CR-
404</td><td></td><td>TBC402</td><TD>TBC404</TD><TD>TBC402</TD
><td></td></TR>
</tr>
<TR>
<TD>WED</TD><TD BGCOLOR="LIGHTGREEN">PBC 402<BR>LAB
4<BR>CBNST</TD><td BGCOLOR="yellow">PBC 402 <BR> LAB
4<BR>WEB</td><TD></TD><TD>TBC 405<BR>CR 404</td><TD>
```

COLSPAN="2" BGCOLOR="pink">
PBC 401 LAB

4</TD><TD></TD><TD></TD><TD></TD><TD></TD></TD>

</TR>

<TR>

<TD>THU</TD><TD>TBC 401</TD><TD>TBC 405</TD><TD>TBC

402</TD><TD></TD><TD></TD><TD></TD><TD></TD><TD></TD><TD></TD><TD></TD><TD>

></TD><TD></TD>

</TR>

<TR><TD>FRI</TD><TD>TBC 405</TD><TD>TBC 403</TD><TD>XBC

401</TD><TD>TBC

404</TD><TD></TD><TD></TD><TD></TD><TD></TD><TD></TD><TD></TD><TD></TD><TD>

></TD>

</TR>

<TR>

<TD>SAT</TD><TD>TBC 404</TD><TD></TD><TD>TBC

401</TD><TD>XBC

401</TD><TD></TD><TD></TD><TD></TD><TD></TD><TD></TD><TD></TD><TD></TD><TD>

></TD>

</TR>

</table>

<TABLE RULES="COLS" BORDER="1" CELLpadding="6" >

<TR>

<TH>

CODE</TH><TH>SUBJECT</TH><TH>FACULTY</TH><TH>LTPC</TH>

>

</TR><TR><TD>TBC 401</TD><TD>Data Analytics Using

Python</TD><td>DR.Jyoti</td><td>3003</td></TR>

<TR>

<TD>TBC

402</TD><TD>Microprocessor</TD><td>DR.VivekChamoli</td><td>3003</

td>

</TR>

<TR>

<TD>TBC 403</TD><TD>Software Project Management & Information

Systems</TD><td>MS.Anupriya</td><td>3003</td>

</TR>

<TR>

NAME- ASHISH KOTHARI
SUBJECT-WEB TECHNOLOGY
SUBJECT CODE-PBC(402)

ROLL NO-2221283
COURSE-BCA 4TH
SECTION-D1(17)

```
<TD>TBC 404</TD><TD>Web
Technology</TD><td>Ms.Kajal</td><td>3003</td>
</TR>
<TR>
<TD>TBC 405</TD><TD>Computer Based Numrical&satistical
Techniques</TD><td>Ms.Ashtha</td><td>3003</td>
</TR>
<TR><TD>XBC 401</TD><TD>Career Skill II</TD><td>MR. Abhishek
Sharma</td><td>3003</td>
</TR>
<TR><TD>GCA 401</TD><TD>Genric Elective
IV</TD><td>DR.Jyoti</td><td>3003</td>
</TR>
<TR><TD>PBC 401</TD><TD>Python Programming
Lab</TD><td>DR.Jyoti</td><td>2002</td>
</TR>
<TR><TD>PBC 402</TD><TD>Web Technology & CBNST
Lab</TD><td>MS.Kajal /MS.Ashtha</td><td>0042</td>
</TR>
<TR>
<TD>BPC 401</TD><TD>Project I</TD><td>MS.Ashtha</td><td>0001</td>
</TR>
<TR>
<TD>SBC 401</TD><TD>Moocs Course based
Seminar</TD><td>MS.Ashtha</td><td>0001</td>
</TR>
<TR>
<TD>GP 401</TD><TD>General
Proficiency</TD><td>MS.ASHTHA</td><td>0001</td>
</TR>
</TABLE>
</body>
</html>
```

OUTPUT:

timetable

×

timetable

×

+

←

↺

🔍

📄

File

|

C:/Users/Nisha%20Belwal/OneDrive/文档/nisha.html

TIME-TABLE

COURSE:BCA'DI'

CLASS COORDINATOR: MS.ASHTHA

Days	8:00-8:55	8:55-9:50	10:10-11:05	11:05-12:00	12:00-12:55	12:55-1:50	2:10-3:05	3:05-4:00	4:00-4:55	4:55-5:50
MON										
TUE					TBC401 CR-404		TBC402	TBC404	TBC402	
WED	PBC 402 LAB 4 CBNST	PBC 402 LAB 4 WEB		TBC 405 CR 404	PBC 401 LAB 4					
THU	TBC 401	TBC 405	TBC 402							
FRI	TBC 405	TBC 403	XBC 401	TBC 404						
SAT	TBC 404		TBC 401	XBC 401						

CODE	SUBJECT	FACULTY	LTPC
TBC 401	Data Analytics Using Python	DR.Jyoti	3003
TBC 402	Microprocessor	DR.Vivek Chamoli	3003
TBC 403	Software Project Management & Information Systems	MS.Anupriya	3003
TBC 404	Web Technology	Ms.Kajal	3003
TBC 405	Computer Based Numrical & satistical Techniques	Ms.Ashtha	3003
XBC 401	Career Skill II	MR. Abhishek Sharma	3003
GCA 401	Genric Elective IV	DR.Jyoti	3003
PBC 401	Python Programming Lab	DR.Jyoti	2002
PBC 402	Web Technology & CBNST Lab	MS.Kajal /MS.Ashtha	0042
BPC 401	Project I	MS.Ashtha	0001
SBC 401	Moocs Course based Seminar	MS.Ashtha	0001
GP 401	General Proficiency	MS.ASHTHA	0001

Problem Statement 2 :- Write a HTML code to make a marksheet of a student using table tag.

CODE:

```
<!DOCTYPE html>
<html>
<head>
<title>Marksheet</title>
</head>
<body>
<pre><br><h1 align="center"><imgsrc="C:\Users\Nisha
Belwal\OneDrive\Pictures\Saved Pictures\IMG_20221023_082636.jpg"
height="100" width="100"align=center></pre></h1></br></pre>

<h2 align="middle">Graphic Era Hill University</h2>
<h3 align="center"> Society Area, Clement Town Dehradun-248002,
Uttarakhand (INDIA)</h3>
<h4 align="center">www.gehu.ac.in</h4>
<h2 align="center">STATEMENT OF MARKS (PROVISIONAL)</h2>
<H3 ALIGN="CENTER">BACHELOR OF COMPUTER APPLICATIONS - I
SEMESTER EXAMINATION (2022-23)</B>
<pre>
</pre>
<PRE><small><P><font face ="times to roman" size="3">   Name of Student
: NISHA BELWAL                                     Enrollment No:
PV-22201661
<BR> Fathers Name : DEV SINGH BELWAL
Roll No : 22201661   </P></H4></PRE></font>
<table align="center" BORDER="1" cellpadding="1000" cellspacing="0"
tablesize="100">
<tr
align="middle"><th></th><th colspan="2">SUBJECT</th><th>CREDITS</th>
><th colspan="2">MID<BR>SEMESTER<BR>EXAM</th><th colspan="2">S
ESSIONAL<BR>MARKS</th><th>
colspan="2">END<BR>SEMESTER<BR>MARKS</th><th>TOTAL<BR>M
ARKS<BR>OBTAINED</th><th>GRADE</th><th>GRADE<BR>POINT</t
h></tr><tr align="middle"><th></th><th>CODE</th><th>NAME</th><td></
```

Max.	Obt	Max	Obt	Max.	Obt
Theory					TBC101
Programming Concept using C Language					4
	25	18	25	20	50
	40	95	A	9	
TBC102					Computer Fundamentals & Information Technology
	4	25	20	25	20
	50	35	83	B+	8
TBC103					Mathematical Foundation Of Computer Science
	3	25	16	25	22
	50	38	70	B	8
TBC104					Principles Of Managements
	4	25	22	25	18
	50	43	89	A	9
THU101					Professional Communication-I
	2	25	21	25	22
	50	42	82	B+	8
align="middle">throwspan="5">Practical					PBC101
Programming in C Lab					3
	25	15	25	21	50
	35	86	B	8	
PBC102					PC Packages Lab
	4	25	21	25	18
	50	40	87	A	9
GBAG100					Digital Publishing Lab
	4	-	-	-	-
	100	80	80	B	8
SBC101					MOOCS Course Based Seminar on Environment Studies
	1	-	-	-	-
	100	85	85	B	8
GP101					General Proficiency
	1	-	-	-	-
	100	90	90	A	9

```
</table><pre></pre>
<dl><h4><dt></dt><b>
<dd>Result: Pass</dd><imgsrc="scanner2.png" align="right">
<dd>Total No. of Credits registered: 30</dd>
<dd>Total No. of Credits earned: 25</dd><br>
<dd>SGPA: 9.2</dd><br>
<dd>CGPA:</dd>
</h4></dl><br><br>
</body>
</html>
```

OUTPUT:

Graphic Era Hill University

Society Area, Clement Town Dehradun-248002, Uttarakhand (INDIA)

www.gehu.ac.in

STATEMENT OF MARKS (PROVISIONAL)

BACHELOR OF COMPUTER APPLICATIONS - I SEMESTER EXAMINATION (2022-23)

Name of Student : NISHA BELWAL

Enrollment No: PV-22201661

Fathers Name : DEV SINGH BELWAL

Roll No : 22201661

	SUBJECT		CREDITS	MID SEMESTER EXAM		SESSIONAL MARKS		END SEMESTER MARKS		TOTAL MARKS OBTAINED	GRADE	GRADE POINT
	CODE	NAME		Max.	Obt	Max	Obt	Max.	Obt			
Theory	TBC101	Programming Concept using C Language	4	25	18	25	20	50	40	95	A	9
	TBC102	Computer Fundamentals & Information Technology	4	25	20	25	20	50	35	83	B+	8
	TBC103	Mathematical Foundation Of Computer Science	3	25	16	25	22	50	38	70	B	8
	TBC104	Principles Of Managements	4	25	22	25	18	50	43	89	A	9
	THU101	Professional Communication-I	2	25	21	25	22	50	42	82	B+	8
Practical	PBC101	Programming in C Lab	3	25	15	25	21	50	35	86	B	8
	PBC102	PC Packages Lab	4	25	21	25	18	50	40	87	A	9
	GBAG100	Digital Publishing Lab	4	-	-	-	-	100	80	80	B	8
	SBC101	MOOCS Course Based Seminar on Environment Studies	1	-	-	-	-	100	85	85	B	8
	GP101	General Proficiency	1	-	-	-	-	100	90	90	A	9

Result: Pass
 Total No. of Credits registered: 30
 Total No. of Credits earned: 25

SGPA: 9.2

CGPA:

Problem Statement 3 :- Write a html code to design a web page to implement listing tags.

CODE:

```
<!Doctype Html>
```

```
<Html>
```

```
<Head>
```

```
<Title>
```

```
LISTING
```

```
</Title>
```

```
</Head>
```

```
<Body>
```

The list which is shown below is an unordered list:

```
<ul>
```

```
<li> First Unordered item </li>
```

```
<li> Second Unordered item </li>
```

```
<li> Third Unordered item </li>
```

```
<li> Fourth Unordered item </li>
```

```
<li> Fifth Unordered item </li>
```

```
<li> Sixth Unordered item </li>
```

```
</ul>
```

```
<ol type="A">
```

```
<li>Eat</li>
```

```
<li>Code</li>
```

```
<li>Sleep</li>
```

```
<ol type="I">
```

```
<li>Eat</li></ol>
```

```
<li>Code</li>
```

```
<li>Sleep</li>
```

```
</ol><ol>
```

```
<li> apple </li>
```

```
<li> Mango </li>
```

```
<li> Pineapple </li>
```

```
<li> Orange </li>
```

```
<li> Banana </li>
```

```
</ol></Body>
```

```
</Html>
```


OUTPUT:

The list which is shown below is an unordered list:

- First Unordered item
- Second Unordered item
- Third Unordered item
- Fourth Unordered item
- Fifth Unordered item
- Sixth Unordered item

- A. Eat
- B. Code
- C. Sleep

- I. Eat
- II. Code
- III. Sleep

1. apple
2. Mango
3. Pineapple
4. Orange
5. Banana

:

Problem Staement 4 :- Write a html code to illustrate the use of <frameset> ,<frame> and tag?

CODE:

```
<!DOCTYPE html>
<html>
<head>
<title>Frame tag</title></head>
<frameset cols="25%,50%,35%">
<frame src="C:\Users\Nisha Belwal\OneDrive\文档3.html" >
<frame src="C:\Users\Nisha Belwal\OneDrive\文档\nisha.html">
<frame src="C:\Users\Nisha Belwal\OneDrive\文档\ELEPHANT
CONSERVATION.txt">
</frameset>
</html>
```

OUTPUT:

The list which is shown below is an unordered list:

- First Unordered item
- Second Unordered item
- Third Unordered item
- Fourth Unordered item
- Fifth Unordered item
- Sixth Unordered item

A. Eat
B. Code
C. Sleep

I. Eat
II. Code
III. Sleep

1. apple
2. Mango
3. Pineapple
4. Orange
5. Banana

TIME TABLE

COURSE:BCA'DI'

CLASS COORDINATOR: MS.ASHITHA

Days	8-90 8:55	8:55 9:50	10:10 11:05	11:05 12:00	12:00 12:55	12:55 1:50	1:10 3:05	3:05 4:00	4:00 4:55	4:55 5:50
MON										
TUE					TBC401 CR-404		TBC402	TBC404	TBC402	
WED	PBC-402 LAB 4 CRNST	PBC-402 LAB 4 WEB		TBC-403 CR-404		PBC-401 LAB 4				
THU	TBC-401	TBC-405	TBC-402							
FRI	TBC-405	TBC-403	XBC-401	TBC-404						
SAT	TBC-404		TBC-403	XBC-401						

CODE	SUBJECT	FACULTY	LTPC
TBC-401	Data Analytics Using Python	DR.Jyoti	3003
TBC-402	Microprocessor	DR.Vivek Chamoli	3003
TBC-403	Software Project Management & Information Systems	MS.Amupriya	3003
TBC-404	Web Technology	Ms.Kajal	3003
TBC-405	Computer Based Numerical & statistical Techniques	Ms.Ashitha	3003
XBC-401	Canner Skill II	MR. Abhishek Sharma	3003
GCA-401	Genie Elective IV	DR.Jyoti	3003
PBC-401	Python Programming Lab	DR.Jyoti	2002
PBC-402	Web Technology & CBNST Lab	MS.Kajal /MS.Ashitha	0042
BPC-401	Project I	MS.Ashitha	0001
SBC-401	Moocs Course based Seminar	MS.Ashitha	0001
GP-401	General Proficiency	MS.ASHITHA	0001

COMMON CORRIDOR

It is estimated that approximately 400-500 people die in an encounter with wild elephants in India. Over 60 elephants are also killed due to conflicts.

POACHING

- Even with suitable habitats, poaching remains a threat to elephants.
- Since only males have tusks, poaching has resulted in a highly skewed male:female ratio in many areas.
- Washing for meat, skin and other products like tusk hair also threatens elephant populations, especially in northeast India.
- In 1989, the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) banned the international trade in ivory.
- However, there are still some thriving but unmonitored domestic ivory markets in several Asian and other countries that fuel the illegal international trade in ivory.

CHALLENGES

On ground challenges include accidental deaths due to train hits, accidental electrocutions, harm to elephants from crude bombs used to kill wild pigs, and falls into bottomless pits, wells, and trenches.

Asian Elephants in Peril

According to the 2017 Elephant Census, India is home to an estimated wild Asian elephant population of around 27,312 spread across 20 elephant reserves, encompassing 21 elephant landscapes across 34 states. Throughout their distribution range in India, the conservation of the endangered Asian elephant is under serious threat due to the loss and fragmentation of habitats.

- The pressures from an ever-expanding human populace, evolving lifestyles, and the consequential squelching of agricultural and developmental activities have all contributed to this predicament.

What is an Elephant Corridor?

Elephant corridors are narrow and often linear passageways that enable an elephant to move across suitable and secure natural habitats. Due to the long-ranging nature of Asian elephants, they have an extensive nutritional requirement necessitating connectivity to suitable habitats. Additionally, the population biology and genetics of the species warrant undisturbed gene flow across populations for long-term viability of the species. In the fragmented landscapes of most elephant habitats in Asia today, corridors play a pivotal role in meeting nutritional, demographic, and genetic needs. These corridors are often surrounded by human settlements, which can lead to human-elephant conflicts when elephants traverse through these areas.

****According to a report by Wildlife Trust of India, on average, about 400 to 450 people lose their lives annually due to such conflicts in our country, and approximately 100 elephants are killed in retaliation for the damage they cause to human life and property.**

****According to this report published in 2017, in India, a minimum of 381 elephant corridors were identified as currently in use, and seven previously identified corridors had been classified as impaired over the decade of the study. The significance of these corridors lies in the fact that 69.38 of them are regularly used by elephants, either throughout the year or seasonally, and 30.78 are used occasionally. Many of these corridors are of high ecological importance, as they facilitate elephant movement and help to sustain a healthy population of these animals. However, there has been an alarming increase in the fragmentation of habitats, with only 22.4% of corridors measuring one kilometre or less in length in 2017 compared to 28.5% in 2005.**

Methods to Safeguard Elephant Corridors

To ensure the protection and preservation of elephant corridors, legal safeguards are essential to prevent further habitat fragmentation and an increase in human-elephant conflicts. State governments can take the lead in demarcating and designating these corridors as State Elephant Corridors, thereby subjecting them to legal protection under relevant laws such as the Wild Life (Protection) Act, 1972, and the Environment Protection Act. In addition, it is necessary to engage with local communities and governments to reduce local dependency on corridor land, potentially transforming them into Village Reserve Forests or Community Reserves.

CHARTERED KID GOOD JOB , IN ELEPHANT CONSERVATION , INTRODUCE NEW TECHNOLOGY WITH HELP OF VILLAGERS AND PEOPLE LAUNCH NATHA MITRA DAL TO DECREASE CONFLICT.

Wildlife SOS' Early warning system apprises villagers about elephant herd movement over WhatsApp.

Radio-collared elephant herd networks to track herd movements has proven to be an effective safeguard system in conflict-ridden areas.

INDIA'S 351 ELEPHANT HOSPITAL IN NATHURA COMPLETES 5 YEARS OF ELEPHANT CARE!

Inaugurated in November 2018, the Wildlife SOS (Elephant Hospital) Campus (EHC) is the first medical facility of its kind in India and serves as a model for improving elephant care worldwide. This facility marked the beginning of providing long-term medical care to rescued elephants with critical health conditions. In the month following its opening, the hospital began the care of its very first resident - Nelly, Nelly entered the treatment facility as a blind, injured, geriatric elephant saved from a life of "hogging" on the streets. Her body was marred by several open wounds, and her weakened ankles prevented her from carrying her own weight.

The rescue of this lot is Kasa, a begging elephant. Kasa's owner brought the malnourished pachyderm to the facility after being directed by the Nathura Forest Department. Since his arrival at EHC, the hospital has been minding his care with essential treatments for the multiple physical difficulties he is suffering from. Laser and hydrocortisone therapy has been administered to Kasa to alleviate pain in his wounded and swollen limbs. A variety of fresh fruits offered to him keep him engaged while the hospital staff tends to the chronic wounds on his ankles and spine.

Problem Statement 5 :- Create an internal hyperlink from the top of your page to the bottom of the same page?

CODE:

```
<!DOCTYPE html>
<html>
<head>
<title>AAINA THEATRE CLUB</title>
</head>
<body>
<h3>AAINA THEATRE CLUB</h3>
<a name="top"></a>
<a href="#bottom">Bottom</a></p>
<p id="NUKKAD NATAK">NUKKAD NATAK</p>
<p><imgsrc="C:\Users\Nisha Belwal\Downloads\DSC03797.JPG"
width="800" height="400">
<br>
```

Nukkad in India is not just a word, it is an emotion of people performing to create awareness among the general public on a certain topic. NukkadNatak in English is known as Street Play and as the name implies, are presentations or acts in an open area in mostly large groups. Anyone can watch it free of cost and is mainly designed for common people.

The tradition of street plays in India dates back several centuries and has evolved.

</br>

1. Early Beginnings:

The origins of street plays can be traced back to ancient India, where storytelling and dramatic performances were an integral part of the cultural and religious fabric. Traditional forms of street theater, such as the Jatra in Bengal, Tamasha in Maharashtra, and Terukkuttu in Tamil Nadu, were prevalent in different regions of the country.

</br>

2. Colonial Era:

During the British colonial period in India, street plays emerged as a powerful tool for social and political dissent. The influence of European theater and the rise of the nationalist movement in the late 19th and early 20th centuries contributed to the growth of street plays as a means of protest and mobilization against British rule. Groups like the Indian People's Theatre Association (IPTA) played a crucial role in popularizing street plays and using them to raise awareness about social issues and the freedom struggle.

</br>

3. Post-Independence:

After India gained independence in 1947, street plays continued to flourish as a form of popular entertainment and social commentary. Theater groups across the country used street plays to address a wide range of issues, including poverty, corruption, gender inequality, caste discrimination, and communal harmony. These performances often took place in public spaces such as marketplaces, parks, and street corners, allowing for maximum audience reach.

</br>

4. Themes & Techniques:

Street plays in India have covered a diverse range of themes, reflecting the social, political, and cultural realities of the time. They have addressed issues like dowry, women's rights, child labor, environmental conservation, healthcare, and communal harmony. Street plays are typically performed in the local language, using music, dance, humor, and satire to engage the audience and convey messages effectively.

</br>

5. Impact & Legacy:

Street plays have played a significant role in mobilizing public opinion, raising awareness, and bringing about positive social change in India. They have been instrumental in giving voice to marginalized communities and highlighting their struggles. The street theater has also served as a platform for amateur actors and artists to showcase their talent and contribute to the cultural landscape of the country.

<p>Jump to NUKKAD NATAK</p>

<p>Top</p>

</body>

</html>

OUTPUT:

AAINA THEATRE CLUB

[Bottom](#)

NUKKAD NATAK



Nukkad in India is not just a word, it is an emotion of people performing to create awareness among the general public on a certain topic. Nukkad Natak in English is known as Street Play and as the name implies can watch it free of cost and is mainly designed for common people.

The tradition of street plays in India dates back several centuries and has evolved.

1. **Early Beginnings:** The origins of street plays can be traced back to ancient India, where storytelling and dramatic performances were an integral part of the cultural and religious fabric. Traditional forms of street theater, such as Terukkuttu in Tamil Nadu, were prevalent in different regions of the country.
2. **Colonial Era:** During the British colonial period in India, street plays emerged as a powerful tool for social and political dissent. The influence of European theater and the rise of the nationalist movement in India led to the development of street plays as a means of protest and mobilization against British rule. Groups like the Indian People's Theatre Association (IPTA) played a crucial role in popularizing street plays and using them to raise awareness about social issues.
3. **Post-Independence:** After India gained independence in 1947, street plays continued to flourish as a form of popular entertainment and social commentary. Theater groups across the country used street plays to address issues like inequality, caste discrimination, and communal harmony. These performances often took place in public spaces such as marketplaces, parks, and street corners, allowing for maximum audience reach.
4. **Themes & Techniques:** Street plays in India have covered a diverse range of themes, reflecting the social, political, and cultural realities of the time. They have addressed issues like dowry, women's rights, child labor, and environmental concerns. Street plays are typically performed in the local language, using music, dance, humor, and satire to engage the audience and convey messages effectively.
5. **Impact & Legacy:** Street plays have played a significant role in mobilizing public opinion, raising awareness, and bringing about positive social change in India. They have been instrumental in giving voice to marginalized communities and promoting social justice. Theater has also served as a platform for amateur actors and artists to showcase their talent and contribute to the cultural landscape of the country.

[Jump to NUKKAD NATAK](#)

[Top](#)

Problem Statement 6 :- Write a html code to design a web page to implement external hyperlinking?

CODE:

```
<html>
<head>
<title> Hypertext example
</title>
</head>
<body>
<h1> click the below link
</h1>
<a href="https://www.wattpad.com"
target="_blank">WATTPAD</a></a>
</body>
</html>
```

OUTPUT:



Problem Statement 7 :- Following target names are reserved while using <a href>. Explain each by designing single HTML document.

- _blank
- _self
- _parent
- _top

CODE:

```
<!DOCTYPE html>
<html>
<head>
<title>TARGETS</title>
</head>
<body>
<p></p>Targets<br>
<h2><p> click this link for <a href="www.google.com"
target="_blank">Google</a>
<br>
  click official website of <a href="www.gehu.ac.in"
target="_parent">GEHU</a>
<br>
  click for searching in <a href="www.wikipedia.com"
target="_self">wikipedia</a><br>
  search doubt on <a href="www.chatgpt.in" target="_top">chatgpt</a></p>
</body>
</html>
```

OUTPUT:

Targets

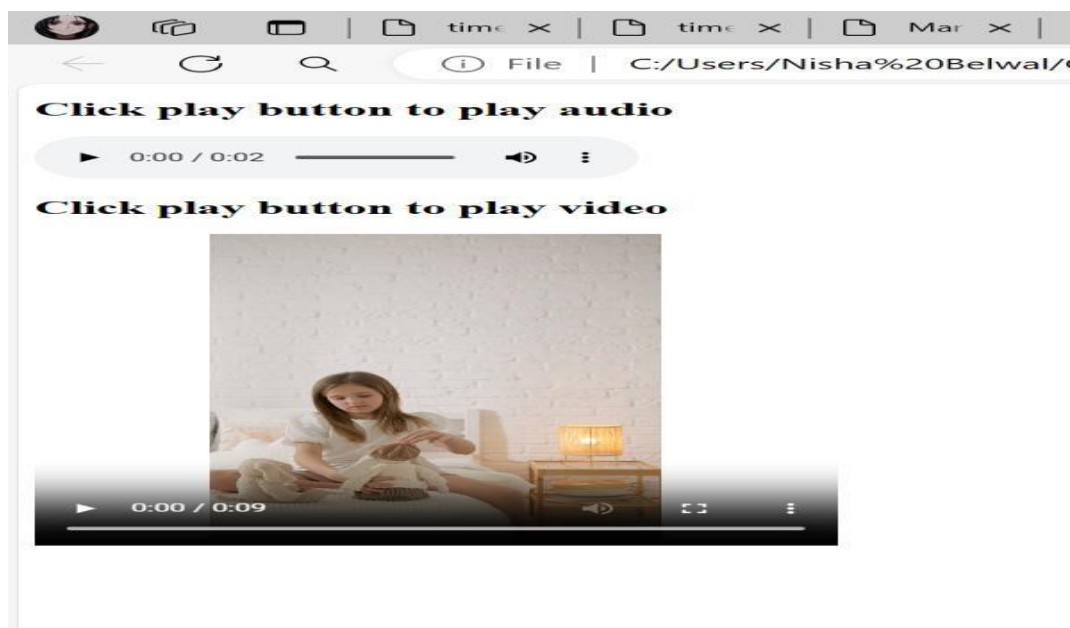
click this link for [Google](http://www.google.com)
click official website of [GEHU](http://www.gehu.ac.in)
click for searching in [wikipedia](http://www.wikipedia.com)
search doubt on [chatgpt](http://www.chatgpt.in)

Problem Statement 8 :- Write a html code to demonstrate the use of audio and video tags?

CODE:

```
<!DOCTYPE html>
<html>
<head>
<title>audio and video</title>
</head>
<body>
<h2>Click play button to play audio</h2>
<audio controls>
<source src="C:\Users\Nisha Belwal\OneDrive\Pictures\WhatsApp Audio
2024-03-13 at 02.01.35_6606eab5.waptt.opus" ></audio>
<h2>Click play button to play video</h2>
<video width="400" height="400" controls>
<source src="C:\Users\Nisha Belwal\Downloads\pexels-artem-podrez-7505658
(2160p).mp4">
</video>
</body>
</html>
```

OUTPUT:



Problem Statement 9 :- Write a html code to design a web page to implement application form using HTML form controls?

CODE:

```
<Html>
<head>
<title>
Registration Page
</title>
</head>
<body bgcolor="yellow">
<br>
<br>
<form>
<label>Firstname</label>
<input type="text" name="firstname" size="15"/><br><br>
<label>Middlename: </label>
<input type="text" name="middlename" size="15"/><br><br>
<label>Lastname: </label>
<input type="text" name="lastname" size="15"/><br><br>
<label>
Course :
</label>
<select>
<option value="Course">Course</option>
<option value="BCA">BCA</option>
<option value="BBA">BBA</option>
<option value="B.Tech">B.Tech</option>
<option value="MBA">MBA</option>
<option value="MCA">MCA</option>
<option value="M.Tech">M.Tech</option>
</select>
<br>
<br>
<label>
Gender :
</label><br>
```

```
<input type="radio" name="male"/> Male <br>
<input type="radio" name="female"/> Female <br>
<input type="radio" name="other"/> Other
<br>
<br>
<label>
Phone :
</label>
<input type="text" name="country code" value="+91" size="2"/>
<input type="text" name="phone" size="10"/><br><br>
Address
<br>
<textarea cols="80" rows="5" value="address">
</textarea>
<br><br>
<label>
Hobbies:
</label>
<br>
<input type="checkbox" name="Programming"> Programming <br><input
type="checkbox" name="Acting"> Acting <br>
<input type="checkbox" name="Sports"> Sports <br>
<input type="checkbox" name="reading Novel"> Reading Novel <br>
<br>
<br>
<br><br>
Email:
<input type="email" id="email" name="email"/><br>
<br><br>
Password:
<input type="Password" id="pass" name="pass"><br>
<br><br>
Re-type password:
<input type="Password" id="repass" name="repass"><br><br>
<input type="button" value="Submit"/>
</form>
</body>
</html>
```

NAME- ASHISH KOTHARI
SUBJECT-WEB TECHNOLOGY
SUBJECT CODE-PBC(402)

ROLL NO-2221283
COURSE-BCA 4TH
SECTION-D1(17)

OUTPUT:

Firstname:

Middlename:

Lastname:

Course :

Gender :

☐ Male

☒ Female

☐ Other

Phone :

Address

Hobbies:

☐ Programming

☒ Acting

☒ Sports

☒ Reading Novel

Email:

Password:

Re-type password:

PROBLEM STATEMENT 10: Demonstrate the use of different style sheet.

- a) Inline
- b) Embedded
- c) External

SOLUTION:

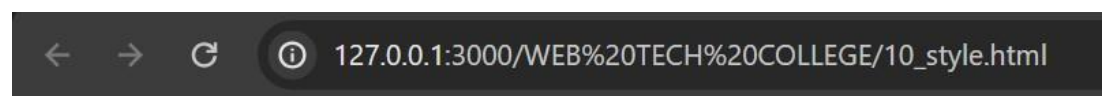
Index.html

```
<!DOCTYPE html>
<head>
<title>Stylesheet Example</title>
<!-- Embedded Styles -->
<style>
    h1 {
color: rgb(158, 168, 160);
    }
</style>
<!-- External Styles -->
<link rel="stylesheet" href="10_style.css">
</head>
<body>
<!-- Inline Styles -->
<span style="font-style: italic; font-weight: 1000; font-size: larger;">This is span tag.</span>
<h1>This is a Heading</h1>
<p>This is a paragraph with some text.</p>
</body>
</html>
```

10_style.css

```
p{
    background-color: grey;
color: white;
}
```

OUTPUT:



This is span tag.

This is a Heading

This is a paragraph with some text.

PROBLEM STATEMENT 11: Write a html code to design a web page to implement facebook.com login page using html and CSS?

SOLUTION:

```
<!DOCTYPE html>
<head>
<title>Log in to Facebook</title>
</head>
<body style="background-color: aliceblue;">
<h1 style="text-align: center;color: #1877f2;margin: 50px 20px 10px 20px;font-size: 50px;">facebook</h1>

<div style="text-align: center;margin: auto;box-shadow:1px 1px 6px 6pxrgb(237, 242, 246);background-color: white;height: 440px;width: 400px;border-radius: 2%;">
<p style="font-size: 25px;padding-top: 20px;">Log in to Facebook</p>
<form action="login.php">

<input type="text" placeholder="Email address or phone number" name="email-phone_no" style="width: 90%;height: 50px;border-radius: 4px;border: 2px solid rgb(230, 230, 230);font-size: 17px;padding-left:17px;color: rgb(164, 162, 162);"><br><br>

<input type="password" placeholder="Password" name="password" style="width: 90%;height: 50px;border-radius: 4px;border: 2px solid rgb(230, 230, 230);font-size: 17px;padding-left: 17px;color: rgb(164, 162, 162);"><br><br>

<input type="submit" value="Log in" name="login" style="width: 95%;height: 55px;border-radius: 6px;font-size: 17px;padding-left: 17px;color: white;background-color: #1877f2;border: none;font-weight: bold;"><br><br>

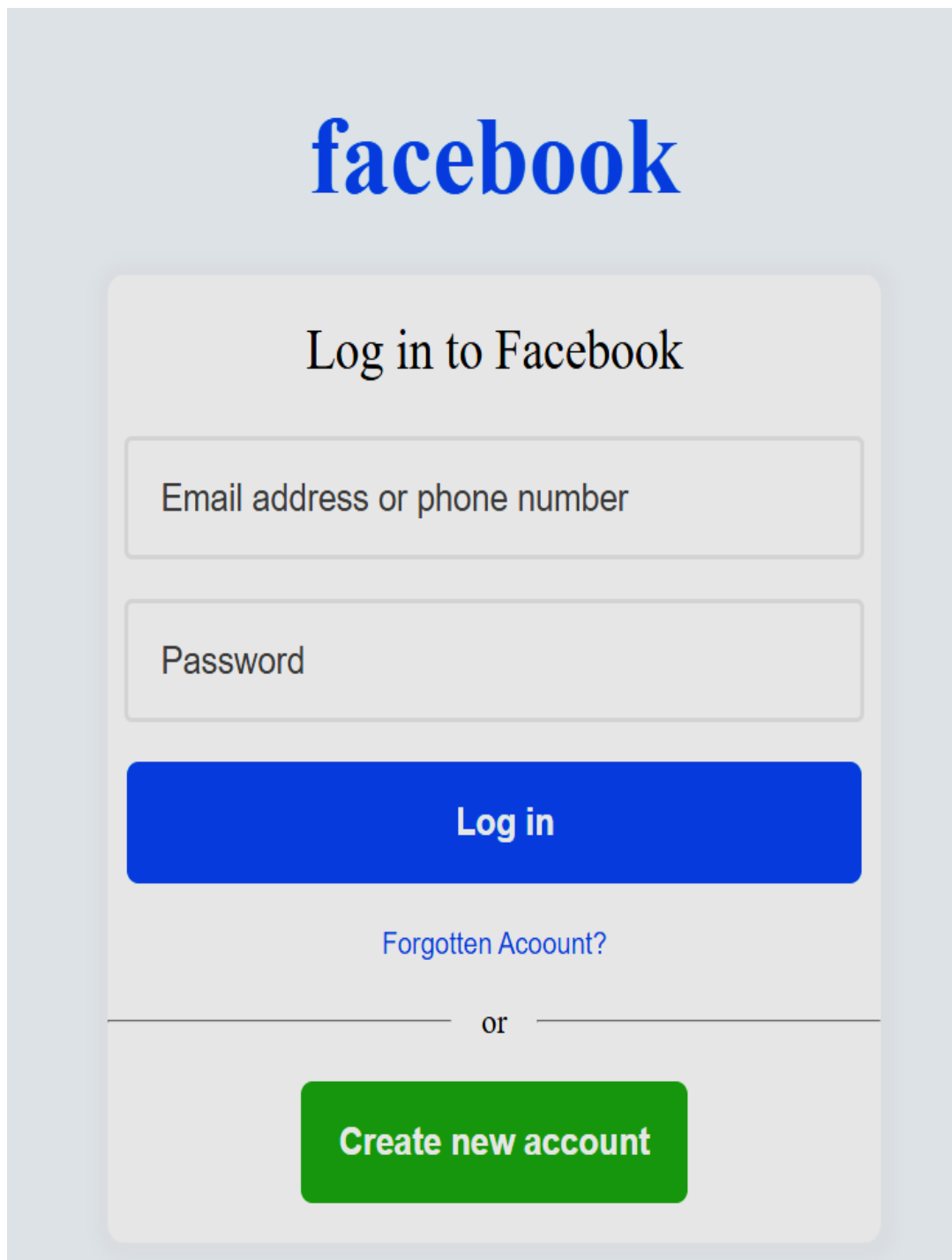
<button style="color:#1877f2 ;background-color: white;border-style: none;">Forgotten Acoount?</button><br><br>
<div style="display: grid; grid-template-columns: 4fr 1fr 4fr;"><div
><hr></div><div>or</div><div><hr>
</div></div><br>

<button style="color: white;background-color: #42b72a;height:55px;width: 50%;border: none;border-radius: 6px;font-weight: bold;font-size: 17px;">Create new account</button>
</form>
</div>
</body>
</html>
```

NAME-ASHISH KOTHARI
SECTION- D1
SUBJECT- WEB TECHNOLOGIES (PBC 402)

COURSE- BCA
SEMESTER- 4
ROLL NO- 2221283(17)

Output:



A mockup of the Facebook login page. At the top, the word "facebook" is written in its signature blue font. Below it, the text "Log in to Facebook" is centered. There are two input fields: "Email address or phone number" and "Password". A blue "Log in" button is positioned below the password field. A link for "Forgotten Account?" is located below the login button. A horizontal line with the word "or" in the center separates the login section from the registration section. At the bottom, there is a green "Create new account" button.

facebook

Log in to Facebook

Email address or phone number

Password

Log in

[Forgotten Account?](#)

or

Create new account

PROBLEM STATEMENT 12: Write an HTML code to divide the page into two columns using div tag with proper margin and border properties. One should display the login page and other should display text and image?

SOLUTION:

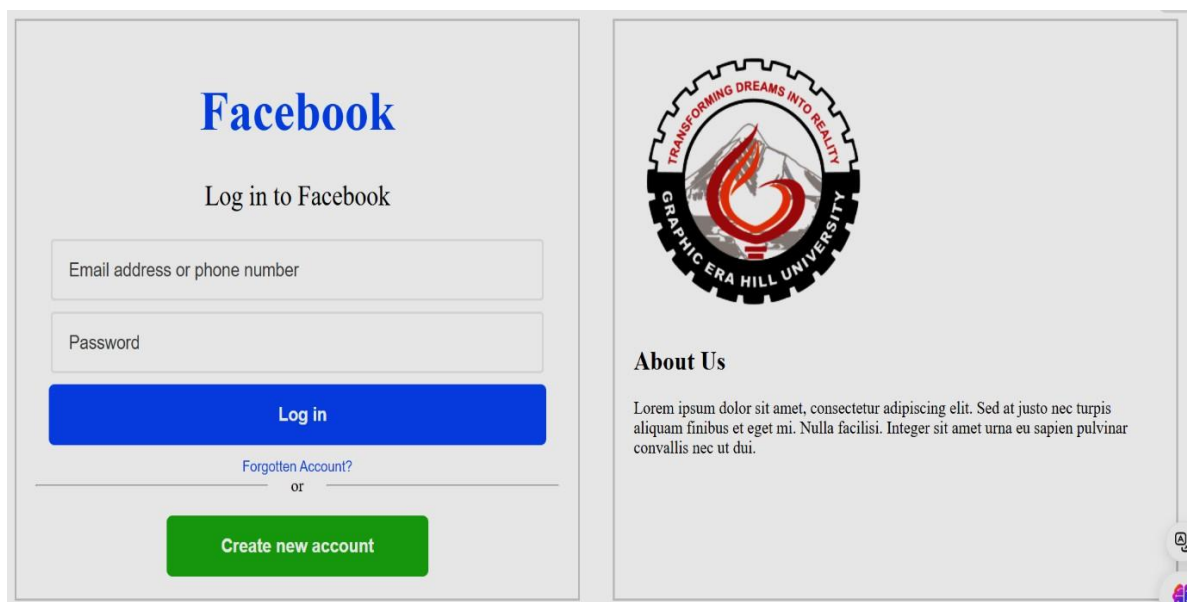
```
<!DOCTYPE html>
<head>
<title>Two Columns Layout</title>
<style>
    .container {
        display: flex;
        justify-content: space-between;
        padding: 20px;
    }
    .left-column {
        width: 45%;
        margin-right: 10px;
        border: 2px solid #ccc;
        padding: 20px;
    }
    .right-column {
        width: 45%;
        margin-left: 10px;
        border: 2px solid #ccc;
        padding: 20px;
    }
</style>
</head>
<body>
<div class="container">
<!-- Left Column - Login Page -->
<div class="left-column">
<h1 style="text-align: center;color: #1877f2;font-size: 50px;">Facebook</h1>
<div style="text-align: center;">
<p style="font-size: 25px;">Log in to Facebook</p>
<form action="login.php">
<input type="text" placeholder="Email address or phone number" name="email-phone_no"
style="width: 90%;height: 50px;border-radius: 4px;border: 2px solid rgb(230, 230, 230);font-
size: 17px;padding-left:17px;color: rgb(164, 162, 162);margin-bottom: 10px;"><br>

<input type="password" placeholder="Password" name="password" style="width:
90%;height: 50px;border-radius: 4px;border: 2px solid rgb(230, 230, 230);font-size:
17px;padding-left: 17px;color: rgb(164, 162, 162);margin-bottom: 10px;"><br>

<input type="submit" value="Log in" name="login" style="width: 95%;height: 55px;border-
radius: 6px;font-size: 17px;padding-left: 17px;color: white;background-color:
#1877f2;border: none;font-weight: bold;margin-bottom: 10px;"><br>
```

```
<button style="color:#1877f2 ;background-color: white;border-style: none;">Forgotten  
Account?</button><br>  
<div style="display: grid; grid-template-columns: 4fr 1fr 4fr;">  
<div><hr></div>  
<div>or</div>  
<div><hr></div>  
</div><br>  
<button style="color: white;background-color: #42b72a;height:55px;width: 50%;border:  
none;border-radius: 6px;font-weight: bold;font-size: 17px;">Create new account</button>  
</form>  
</div>  
</div>  
<!-- Right Column - Text and Image -->  
<div class="right-column">  
<imgsrc="GEHU.png" alt="Example Image" style="max-width: 100%; height: auto;">  
<h2>About Us</h2>  
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed at  
justo nec turpis  
aliquam finibus et eget mi. Nulla facilisi. Integer sit amet urna eu sapien pulvinar  
convallis nec ut dui.</p>  
</div>  
</div>  
</body>  
</html>
```

OUTPUT:



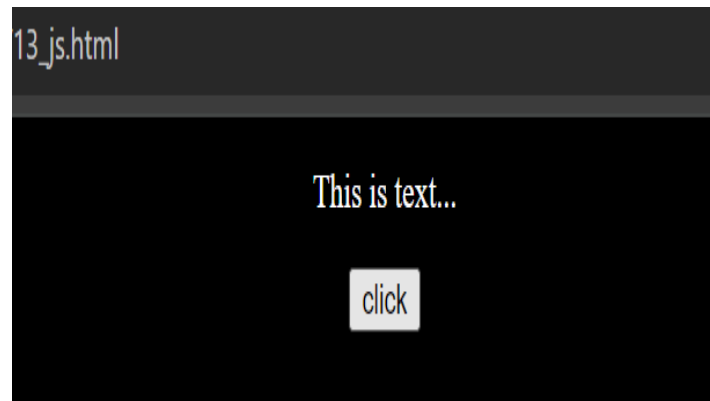
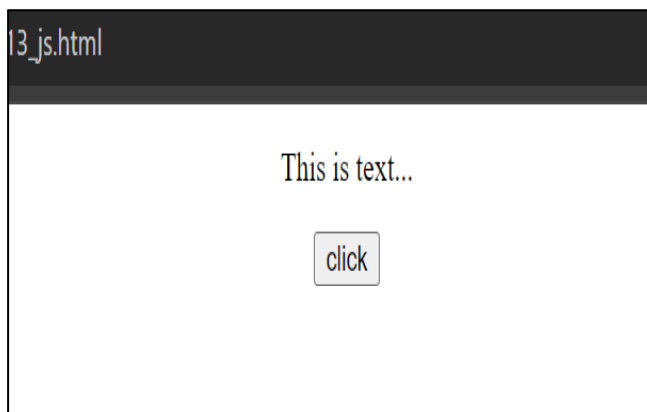
The screenshot displays a two-column web layout. The left column is a Facebook login interface, featuring the Facebook logo, a 'Log in to Facebook' heading, input fields for 'Email address or phone number' and 'Password', a blue 'Log in' button, a 'Forgotten Account?' link, and a green 'Create new account' button. The right column contains the Graphic Era Hill University logo, an 'About Us' heading, and a paragraph of Lorem Ipsum text. The layout is clean and modern, with a light gray background and distinct color accents for buttons and links.

PROBLEM STATEMENT 13 : Write the JavaScript code to reverse the foreground and background colour.

SOLUTION:

```
<!DOCTYPE html>
<html>
<head>
<title>Document</title>
<script type="text/javascript">
    function fun(){
        f=document.fgColor;
        b=document.bgColor;
document.fgColor=b;
document.bgColor=f;
    }
</script>
</head>
<body text="black" bgcolor="white" id="item1" style="text-align: center;">
<p>This is text...</p>
<form name="clr">
<input type="button" value="click" onClick="fun()">
</form>
</body>
</html>
```

OUTPUT:



PROBLEM STATEMENT14: Write the javascript code for showing the use of all the three dialog boxes(alert, confirm, prompt)

SOLUTION:

```
<!DOCTYPE html>
<head>
<title>Javascript Dialog Boxes</title>
<style>
    h1 {
color: green;
    }
    button {
        background: lightgreen;
        margin: 5px;
        padding: 4px;
    }
</style>
</head>
<body>
<center>
<h1>Javascript Dialog Boxes</h1>
<h3>Alert Box</h3>
<button onClick="showAlert()">Click here for alert box</button>
<h3>Confirm Box</h3>
<button onClick="showConfirm()">Click here for confirm box</button>
<h3>Prompt Box</h3>
<button onClick="showPrompt()">Click here for prompt box</button>

<script>
    function showAlert() {
alert("This is an alert box!");
    }

    function showConfirm() {
        var result = confirm("This is a confirm box! Click OK or Cancel.");
        if (result) {
alert("You clicked OK!");
        } else {
alert("You clicked Cancel!");
        }
    }

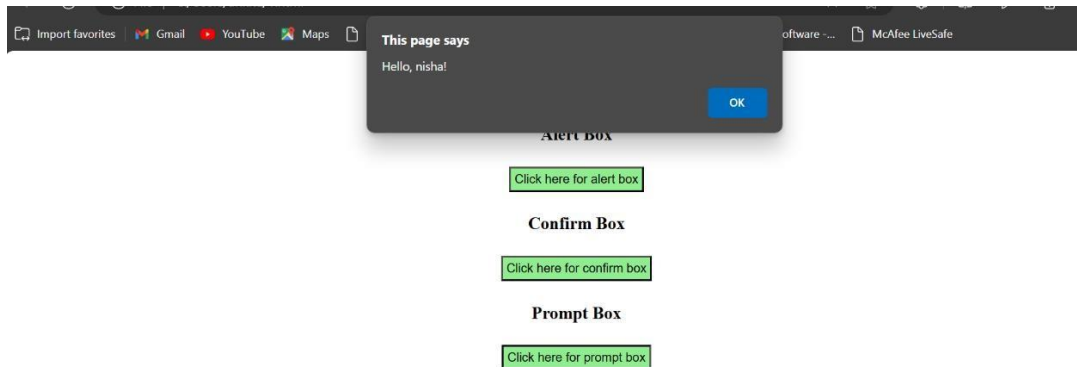
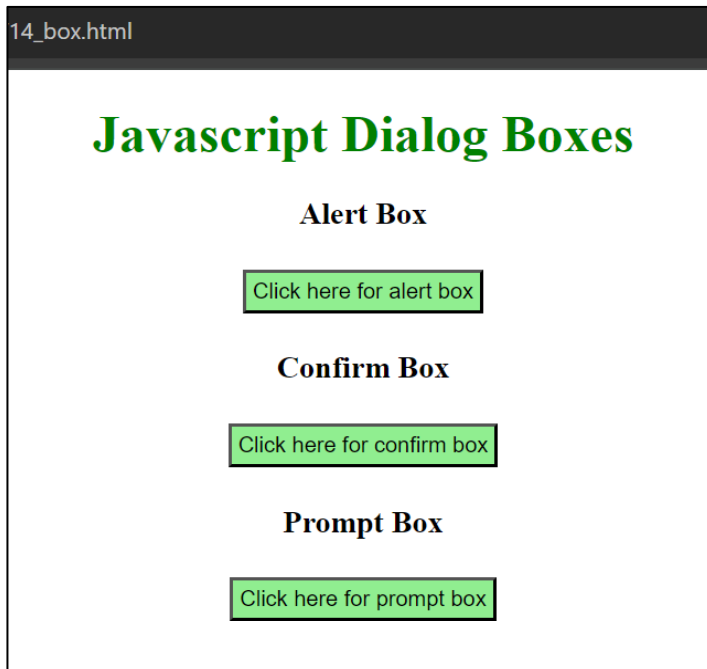
    function showPrompt() {
        var userInput = prompt("This is a prompt box! Please enter your name:");
        if (userInput != null &&userInput != "") {
alert("Hello, " + userInput + "!");
        } else {
alert("You didn't enter your name!");
        }
    }
</script>
</body>
</html>
```

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```
    }  
</script>  
</center>  
</body>  
</html>
```

OUTPUT:



PROBLEM STATEMENT 15: Write a JavaScript to validate inputs to a form consists of four different functions:

- a) Email validation will check to see if a value lives up to the general syntax of an email
 - b) Digit validation will check to see if a value consists of a certain number of digits.
 - c) Empty validation will check to see if a field is empty or not
 - d) Username validation will check to see if a value consists of a certain number, a capital letter, a small letter and length should be greater than 8 characters
- A proper alert box should be displayed if the user doesn't enter the values in the above format.

SOLUTION:

```
<!DOCTYPE html>
<html>
<head>
<title>Form Validation Example</title>
<script>
    function validateEmail(email) {
        // Regular expression for email validation
        var emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;

        if (!emailRegex.test(email)) {
            alert("Please enter a valid email address.");
            return false;
        }

        return true;
    }

    function validateDigits(value, digitCount) {
        // Regular expression for digit validation
        var digitRegex = /^[0-9]{digitCount}$/;

        if (!digitRegex.test(value) || value.length !== digitCount) {
            alert("Please enter a " + digitCount + "-digit value.");
            return false;
        }

        return true;
    }

    function validateEmpty(value) {
        if (value.trim() === "") {
            alert("Please enter a value in the field.");
            return false;
        }
    }
</script>
</head>
</html>
```

```
    }

    return true;
}

function validateUsername(username) {
    // Regular expression for username validation
    var usernameRegex = /^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)[a-zA-Z\d]{8,}$/;

    if (!usernameRegex.test(username)) {
        alert("Please enter a username with at least 8 characters, including one uppercase letter, one lowercase letter, and one digit.");
        return false;
    }

    return true;
}

function validateForm() {
    var email = document.getElementById("email").value;
    var digits = document.getElementById("digits").value;
    var text = document.getElementById("text").value;
    var username = document.getElementById("username").value;

    if (!validateEmail(email) || !validateDigits(digits, 5) || !validateEmpty(text) ||
        !validateUsername(username)) {
        return false;
    }

    // Submit the form if all validations pass
    return true;
}
</script>
</head>
<body>
<h1>Form Validation Example</h1>

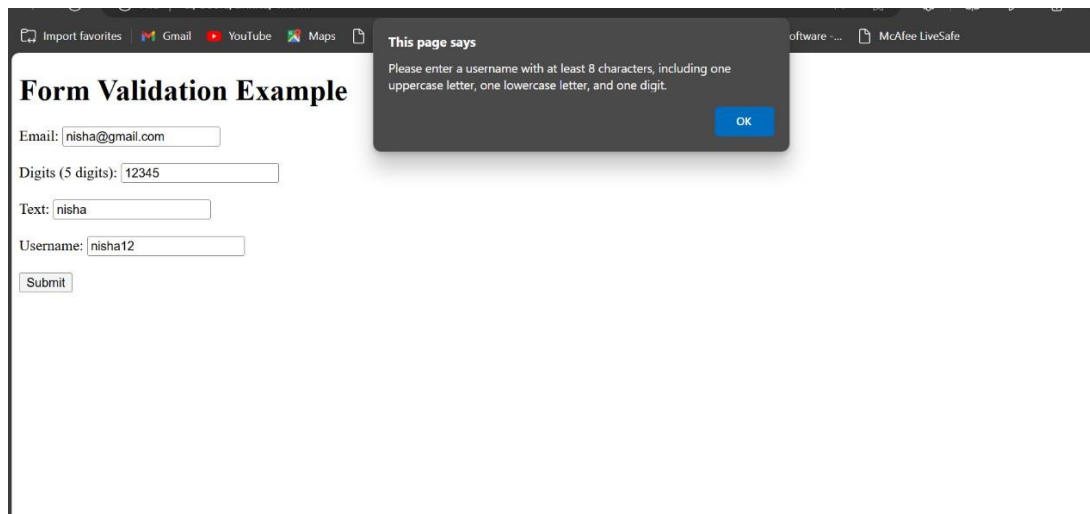
<form onsubmit="return validateForm();">
<label for="email">Email:</label>
<input type="email" id="email" name="email">
<br>
<br>
<label for="digits">Digits (5 digits):</label>
<input type="text" id="digits" name="digits">
<br>
<br>
<label for="text">Text:</label>
<input type="text" id="text" name="text">
<br>
```

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```
<br>
<label for="username">Username:</label>
<input type="text" id="username" name="username">
<br>
<br>
<button type="submit">Submit</button>
</form>
</body>
</html>
```

OUTPUT:



The screenshot shows a web browser window with a form titled "Form Validation Example". The form contains the following fields and a submit button:

- Email:
- Digits (5 digits):
- Text:
- Username:
-

A modal dialog box is overlaid on the form, displaying the message: "This page says: Please enter a username with at least 8 characters, including one uppercase letter, one lowercase letter, and one digit." The dialog has an "OK" button.