

Muthoot Institute of Technology and Science

Varikoli P.O, Puthencruz,

Ernakulam – 682308



Master of Computer Applications

LAB RECORD

Course Name: 20MCA133 WEB PROGRAMMING LAB

NAME.....

REG. NO..... SEMESTER.....

MONTH & YEAR.....

Lab Cycle 1

Program # 1

1. Create a simple web application to display your Resume (CV) using various text formatting features, table, list and link within a page in HTML.

PROGRAM CODE:

cv.html

```
<html>
<head>
<title>CV</title>
</head>
<body>
<h1><center><b><u>CURRICULUM VITAE</u></b></center></h1>
<hr>
<h3><center>Naeema Kunhimon</center>
<center>naeemanimu724@gmail.com</center>
<center>9746419929</center>
</h3>
<hr><br>
<h2>PROFESSIONAL SUMMARY</h2>
<p>I am pursuing post graduation in MCA and i would like to extend my skills in
computer software.</p>
<br>
<h2>EDUCATIONAL BACKGROUND</h2>
<table border=1>
<tr>
<th>college/school</th>
<th>marks/percentage</th>
<th>year</th>
</tr>
<tr>
<td>MES School of Engineering kuttippuram</td>
<td>87.4%</td>
<td>2017</td>
</tr>
<tr>
<td>MES School of Engineering kuttippuram</td>
<td>82.8%</td>
<td>2019</td>
</tr>
<tr>
<td>Assabah Arts and Science College, Valayamkulam</td>
<td></td>
<td></td>
</tr>
```

```

<td>76.08%</td>
<td>2022</td>
</tr>
</table>
<br>
<h2>skills</h2>
<ul style="list-style-type:circle;">
<li>team leadership</li>
<li>scheduling</li>
<li>programming</li>
<li>hardworking</li>
</ul><br>
<h2>languages known</h2>
<ul style="list-style-type:square;">
<li>C</li>
<li>JAVA</li>
<li>php</li>
<li>python</li>
<li>c++</li>
</ul><br>
<a href="biodata.html">Personal Information</a><br>
<a href="#top" >top</a>
</body>
</html>

```

biodata.html

```

<html>
<body>
<h1><center>NAEEMA KUNHIMON</center></h1>
<br>
<P><b>Date of Birth</b>:12-10-2000<br>
  <b>Place    </b> :Kudallur<br>
  <b>Country  </b> :India<br>
  <b>State    </b> :Kerala<br>
  <b>Religion </b> :Islam<br>
  <b>Father's Name</b>:kunhimon<br>
  <b>Mother's Name</b>:Fathima<br>
  <b>Phone Number</b> :9746419929<br>
  <b>Email</b>:naeemanimu724@gmail.com<br>
</p><br>
<h2>HOBBIES</h2>
<ul style="list-style-type:square;">
<li>reading</li>
<li>traveling</li>
</ul><br>
<h2>DECLARATION</h2>
<p>I hear by declare that all the information given are correct</p><br>
<a href="cv.html">HOME</a>

```

</body>
</html>

OUTPUT:

CURRICULUM VITAE

Naeema Kunhimon
naeemanimu724@gmail.com
9746419929

PROFESSIONAL SUMMARY

I am pursuing post graduation in MCA and i would like to extend my skills in computer software.

EDUCATIONAL BACKGROUND

| college/school | marks/percentage | year |
|---|------------------|------|
| MES School of Engineering kuttippuram | 87.4% | 2017 |
| MES School of Engineering kuttippuram | 82.8% | 2019 |
| Assabah Arts and Science College,Valayamkulam | 76.08% | 2022 |

skills

- team leadership
- scheduling
- programming
- hardworking

languages known

- C
- JAVA
- php
- python
- c++

[Personal Information](#)
[top](#)

NAEEMA KUNHIMON



Date of Birth:12-10-2000
Place :Kudallur
Country :India
State :Kerala
Religion :Islam
Father's Name:kunhimon
Mother's Name:Fathima
Phone Number :9746419929
Email:naeemanimu724@gmail.com

HOBBIES

- reading
- traveling

DECLARATION

I hear by declare that all the information given are correct

[HOME](#)

Program # 2

2.Design a Student Registration Page and the college brochure side by side on the same page employing the concept of frames. The registration page should contain various types of form elements.

PROGRAM CODE:

main.html

```
<html>
<frameset cols="40%,60%">
<frame src="frame1.html"></frame>
<frame src="frame2.html"></frame>
</frameset>
</html>
```

Frame1.html

```
<html>
<head>
<title>registration form</title>
<body bgcolor="pink">
<h1 style="color:blue;text-align:center;"><b><u><center>REGISTRATION
FORM</center></u></b></h1>
<form>
Student Name :<input type="text" name="name"/><br><br>
Father's Name :<input type="text" name="fname"/><br><br>
Mother's Name :<input type="text" name="mname"/><br><br>
Date Of Birth :<input type="date" name="birth"/><br><br>
<label>Gender: </label>
<input type="radio" name="gender"/>Male
<input type="radio" name="gender"/>Female<br><br>
Permanent Address:<br><textarea rows="4" cols="25"
name="address"></textarea><br><br>
Religion:<input type="text" name="religion"/><br><br>
Age:<input type="number" name="age"/><br><br>
Phone number:<input type="text" name="pno"/><br><br>
Nationality:<input type="text" name="nationality"/><br><br>
Email:<input type="text" name="email"/><br><br>
Blood group:<input type="text" name="blood"/><br><br>
<label>Status:</label>
<input type="radio" name="status"/>Single
<input type="radio" name="status"/>Married<br><br>
```

```

<h3><b>EDUCATIONAL DETAILS</b></h3>
SSLC MARK:<input type="text" name="10"/><br><br>
PLUS TWO MARK:<input type="text" name="12"/><br><br>
DEGREE MARK:<input type="text" name="deg"/><br><br><br><br>
<label>Course Name:</label>
<input type="radio" name="course"/>Btech
<input type="radio" name="course"/>Mtech
<input type="radio" name="course"/>MCA<br><br>
<label>language known:</label>
<input type="checkbox" name="lang" value="on"/>php
<input type="checkbox" name="lang" value="on"/>java
<input type="checkbox" name="lang" value="on"/>c
<input type="checkbox" name="lang" value="on"/>c++
<input type="checkbox" name="lang" value="on"/>python<br><br>
<label>State:</label>
<select id="state" name="state">
<option value="kerala">kerala</option>
<option value="tamilnadu">tamilnadu</option>
<option value="goa">goa</option>
<option value="punjab">punjab</option>
<option value="maharashtra">maharashtra</option></select><br><br>
<h3>DECLARATION</h3>
<p>I hear by declare that all the information given are correct</p><br>
<a href="#top" >top</a><br><br>
<input type="submit" value="submit">
</form>
</body>
</html>

```

Frame2.html

```

<html>
<head>
<title>mits</title>
</head>
<body>

<h3><b>A premier engineering college in the state, located at Kochi</b></h3>
<hr><br>
<h2 style="color:red;text-align:center;"><b>ABOUT</b></h2>
<p>Muthoot Institute of Technology and Science (MITS) is promoted by Muthoot M.
George Institute of Technology, a Section 25 Company within the Muthoot Group. MITS is a
self financing technical institution offering postgraduate and undergraduate engineering
programmes, situated in the industrial suburb of Kochi, close to the Smart City and Info Park,
approximately 15 kms from Vytilla Junction towards Muvattupuzha on the Cochin Madurai
National Highway.
The promoters with their commanding presence in the domains of Financial Services,
Hospitality, Healthcare, Renewable Energy and Information Technology, are committed to
building MITS as a centre of excellence, focusing purely on merit. This “temple of learning”
will provide to the students, state-of-the-art infrastructure, highly qualified and proficient

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teachers from various faculty of engineering and allied streams, embedded in a conducive environment where focus will be on their harmonious development.</p>

VISION</h2>

<p>To be a centre of excellence for learning and research in engineering and technology, producing intellectually well-equipped and socially committed citizens possessing an ethical value system.</p>

MISSION</h2>

<p>

- Offer well-balanced programme of instruction, practical exercise and opportunities in technology.
- Foster innovation and ideation of technological solutions on sustainable basis.
- Nurture a value system in students and engender in them a spirit of inquiry.

</p>

<u>PROGRAMMES OFFERED</u></h2>

<p>

<i>BTECH</i></h3>

- CIVIL ENGINEERING
- COMPUTER SCIENCE & ENGINEERING
- ELECTRONICS & COMMUNICATION ENGINEERING
- ELECTRICAL & ELECTRONICS ENGINEERING
- MECHANICAL ENGINEERING
- CSE (ARTIFICIAL INTELLIGENCE)
- ARTIFICIAL INTELLIGENCE & DATA SCIENCE
- CYBER SECURITY

<i>MTECH</i></h3>

- ARTIFICIAL INTELLIGENCE & DATA SCIENCE
- CYBER SECURITY

<i>MCA</i></h3>

- MCA

<p>For more details contact: 0484-2732111/100</p>

</body>

</html>

OUTPUT:

REGISTRATION FORM

Student Name : Naeema Kunhimon

Father's Name : Kunhimon

Mother's Name : Fathimakutty

Date Of Birth : 12-10-2000

Gender: ☐ Male ☒ Female

Permanent Address:
thattakant house
kudallur
palakkad district

Religion: Islam

Age: 22

Phone number: 9746419929

Nationality: Indian

Email: naeemanimu724@gmail.com

Blood group: A+ve


Status: ☒ Single ☐ Married

EDUCATIONAL DETAILS

SSLC MARK: 87.4%

PLUS TWO MARK: 82.8%

DEGREE MARK: 79.04%




Muthoot Institute of Technology & Science

A premier engineering college in the state, located at Kochi

ABOUT

Muthoot Institute of Technology and Science (MITS) is promoted by Muthoot M. George Institute of Technology, a Section 25 Company within the Muthoot Group. MITS is a self financing technical institution offering postgraduate and undergraduate engineering programmes, situated in the industrial suburb of Kochi, close to the Smart City and Info Park, approximately 15 kms from Vytilla Junction towards Muvattupuzha on the Cochin Madurai National Highway. The promoters with their commanding presence in the domains of Financial Services, Hospitality, Healthcare, Renewable Energy and Information Technology, are committed to building MITS as a centre of excellence, focusing purely on merit. This "temple of learning" will provide to the students, state-of-the-art infrastructure, highly qualified and proficient teachers from various faculty of engineering and allied streams, embedded in a conducive environment where focus will be on their harmonious development.



VISION

To be a centre of excellence for learning and research in engineering and technology, producing intellectually well-equipped and socially committed citizens possessing an ethical value system.

MISSION

- Offer well-balanced programme of instruction, practical exercise and opportunities in technology.
- Foster innovation and ideation of technological solutions on sustainable basis.
- Nurture a value system in students and engender in them a spirit of inquiry.

PROGRAMMES OFFERED

BTECH

1. CIVIL ENGINEERING
2. COMPUTER SCIENCE & ENGINEERING
3. ELECTRONICS & COMMUNICATION ENGINEERING
4. ELECTRICAL & ELECTRONICS ENGINEERING
5. MECHANICAL ENGINEERING
6. CSE (ARTIFICIAL INTELLIGENCE)
7. ARTIFICIAL INTELLIGENCE & DATA SCIENCE
8. CYBER SECURITY

MTECH

1. ARTIFICIAL INTELLIGENCE & DATA SCIENCE
2. CYBER SECURITY

MCA

1. MCA

For more details contact: 0484-2732111/100

Religion: Islam

Age: 22

Phone number: 9746419929

Nationality: Indian

Email: naeemanimu724@gmail.com

Blood group: A+ve

Status: ☒ Single ☐ Married

EDUCATIONAL DETAILS

SSLC MARK: 87.4%

PLUS TWO MARK: 82.8%

DEGREE MARK: 79.04%

Course Name: ☐ Btech ☐ Mtech ☒ MCA

language known: ☒ php ☒ java ☒ c ☒ c++ ☒ python

State: kerala

DECLARATION

I hear by declare that all the information given are correct

[top](#)

submit

Program # 3

3. Create a web page showcasing the attractions and highlights of your hometown using Html, and External, Internal, and inline CSS. In the webpage the following elements should be included.
- Html text formatting tags.
 - Links to external web site pages for further references e.g.: Wikipedia
 - External, Internal, and Inline CSS
 - CSS should include font colour, positioning, background colours, text alignment etc.

PROGRAM CODE:

home.html

```
<html>
<head>
<title>hometown</title>
<link rel="stylesheet" type="text/css" href="my.css"/>
<style>
body{
background-color:linen;
}
.center{
font-size:50px;
margin-center:30px;
text-align:center;
color:red;
}
</style>
</head>
<body>
<h1 style="color:blue;text-align:center;"><center><b><i><u>KUDALLUR</u></i></b>
</h1><br><hr><br>
<p>Kudallur is in the Palakkad district of Kerala. It is in Pattambi taluk, bordering
Malappuram district, also on the banks of Bharathapuzha. The Bharathappuzha river
separates Kudallur from Kuttippuram town in Malappuram district. Kudallur is a part of
Thrithala (State Assembly constituency) and Ponnani (Lok Sabha constituency).<br>
Kudallur is the meeting point of three Taluks - Pattambi Taluk, Ponnani taluk (neighbouring
Thavanur village in Malappuram district), and Tirur Taluk (neighbouring Kuttippuram
town).<br></p>
<p>This beautiful calm village near Thrithala, on the banks of the Bharathapuzha, is famous
for its scenic beauty. It is home to one of the most famous Malayalam writers - M. T.
Vasudevan Nair. It is at Kudallur that the Thootha and the Bharathapuzha meet, and the place
derives its name from the merger of these rivers (Koodalooru means the place of meeting).
```

The incessant flow of the rivers coupled with the scenic beauty of the paddy fields and ranges of hills attracts a lot of visitors. </p>

<hr>

<h2 style="color:green">ADMINISTRATION</h2>

<p>This village was originally in Ponnani taluk, before the formation of Malappuram district on 16 June 1969. The famous Malayalam writer M. T. Vasudevan Nair was born there.

Kudallur is in the Palakkad district of Kerala. The other well-known personality from here is artist Achutan Kudallur. Among the eminent personalities of the past P.K. Moideen Kutty Sahib dominates a prominent position. He was a great Freedom Fighter who was put in British jail for several years. P.K. Moideen Kutty Sahib was an elected member to Madras Assembly in 1937. He also served as president at KPCC Kerala Pradesh Congress Committee and All India Congress Committee AICC member. During the flood of 1942, P.K. Moideen Kutty Sahib worked as a front-line warrior of all relief activities. He also played a vital role to restart the construction of Kuttippuram bridge which had been blocked because of World War II.
His cousin P.K. Abdulla Kutty Sahib was another Freedom Fighter from this area. He spent many years in Kannur and Viyyoor Jails during British reign. He was well-known Gandhian and participated in "Khadi-Prasthan" in the post British era.

Kudallur, a beautiful and calm Kerala village on the banks of Bharathapuzha is in the Ottappalam taluk of Palakkad district. Scenic range of hills, wide paddy fields and the magic beauty of River Nila blends Kudallur into an exotic place. The village is famous for its illustrious son writer M.T. Vasudevan Nair. The other well known personality from here is artist Achutan Kudallur. It is at Kudallur, exactly at Koottakadavu the two rivers Nila and Thootha meet. The name 'Kudallur' (or Koodal Ooru) is believed to be formed from this merge of two rivers.
</p>

<h2 style="color:green">GEOGRAPHY</h2>

<P>It is at Kudallur, exactly at Koottakadavu the two rivers Nila and Thootha meet. Therefore, it is said that the place got the name from the confluence of these rivers, with 'koodal' meaning joining and 'oor' meaning place in Malayalam, thus a meeting place of the rivers. Kudallur Hills, mentioned in Nair's stories, are another point of attraction. The village is in Anakkara Panchayath, Thrithala block i.e. in Pattambi Taluk. 'Vadakkumuri', 'Muthu Vilayum Kunnu' and 'Paarappuram' are important residential areas of Koodallur.

</P>

<h2 style="color:green">TOURIST PLACE NEAR KUDALLUR</h2>

<div class="center">

<h3 class="center">VELLIYAMKALLU HERITAGE PARK</h3></div>

<p>The Heritage Park at Velliyamkallu in Thrithala, Palakkad district is a nice place to take your kids out in the evening. The park is extremely close to the recently built Velliamkallu bridge cum regulator and affords beautiful views of River Nila (aka Bharatapuzha).

Nila river.
</p>

<p>velliamkallu-heritage-park
Hundreds of people flock to the park every evening to enjoy the cool breeze coming from the river and soak themselves in the beauty of Velliamkallu.

Most visitors are families or youngsters. The park has several swings and slides to keep your child entertained for hours. There are plenty of walkways too. Visitors can access the banks of the river from the park. A lot of youngsters engage in fishing here. Children also enjoy wading through the shallow waters of the river. The park is open from 9 am to 6 pm. While there are several shady trees in the park, evenings are the best time to visit.

Entry is free.

</p>

more details...<p>
Best time to visit: In the evenings

How to reach: Velliamkallu Heritage Park is about a 25 minute's drive from Pattambi.
It is about five kilometers from Pallippuram.

Address: Thrithala Valanchery Road, Parudur, Kerala 679305</p>

<hr>

<h2 style="color:brown">FAMOUS PEOPLES OF KUDALLUR</h2>
<ol type="1">
Achuthan Kudallur
M. T. Vasudevan Nair

<h2 style="color:green">Achuthan Kudallur</h2>

<p>Achuttan Kudallur born in 1945 in Kerala was a senior contemporary artist. Kudallur holds a degree in Civil Engineering. He studied painting at the Government College of Art in Chennai and was also a part of the Madras Art Club. While he was in search of a better medium for self-expression, he switched to painting abstracts as he believed abstracts revealed his true understanding of emotions. In 1989, he participated in a group show in India and Czechoslovakia. During 1990-92, he took part in a group of exhibitions in Mumbai, Chennai, Kolkata and France. He won the Tamil Nadu Lalit Kala Akademi Award and later won the National Academy Award in New Delhi. Achuttan Kudallur passed away on July 18, 2022. </p>

<h2 style="color:green">M. T. Vasudevan Nair</h2>

<p>Born on August 15, 1934 in Kudallur, a small village in Palakkad district of Kerala, MT steadily started displaying exceptional creative skills in writing and soon carved a niche for himself through some outstanding novels and short stories in Malayalam. These works had the fine blend of romanticism, and many shades of human life, especially suffering, which he portrayed masterfully. This unique approach to writing made MT popular among the common man, as they found solace in the candid depiction of logical outcomes and simple philosophies of life.
M.T.'s first major novel, Nalukettu was published in 1958 and literally created a stir in Malayalam literature. This masterful literary craftsmanship soon got widely acknowledged in the Malayalam literati and is also considered as a revival of a literary tradition initiated by Mr. Thakazhi Sivasankara Pillai, Mr. Vaikom Muhammed Basheer and Mr. Uroob.</p>

FOR MORE REFERENCE
</body>
</html>

OUTPUT:

KUDALLUR

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ADMINISTRATION

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TOURIST PLACE NEAR KUDALLUR

VELLIYAMKALLU HERITAGE PARK

The Heritage Park at Velliyaikkallu in Thirithala, Palakkad district is a nice place to take your kids out in the evening. The park is extremely close to the recently built Velliyaikkallu bridge cum regulator and affords beautiful views of River Nila (aka Bharathapuzha). Nila river.



veliayamkallu-heritage-park Hundreds of people flock to the park every evening to enjoy the cool breeze coming from the river and soak themselves in the beauty of Velliyaikkallu. Most visitors are families or youngsters. The park has several swings and slides to keep your child entertained for hours. There are plenty of walkways too. Visitors can access the banks of the river from the park. A lot of youngsters engage in fishing here. Children also enjoy wading through the shallow waters of the river. The park is open from 9 am to 6 pm. While there are several shady trees in the park, evenings are the best time to visit. Entry is free.

20MCA133 Web Programming Lab Record



[more details...](#)

Best time to visit: In the evenings

How to reach: Vellumkallu Heritage Park is about a 25 minute's drive from Pattambi. It is about five kilometres from Palappuram.

Address: Thirithala Valsanchery Road, Parur, Kerala 679305

FAMOUS PEOPLES OF KUDALLUR

1. Achuthan Kudallur
2. M. T. Vasudevan Nair

Achuthan Kudallur



Achuthan Kudallur born in 1945 in Kerala was a senior contemporary artist. Kudallur holds a degree in Civil Engineering. He studied painting at the Government College of Art in Chennai and was also a part of the Madras Art Club. While he was in search of a better medium for self-expression, he switched to painting abstracts as he believed abstracts revealed his true understanding of emotions. In 1989, he participated in a group show in India and Czechoslovakia. During 1990-92, he took part in a group of exhibitions in Mumbai, Chennai, Kolkata and France. He won the Tamil Nadu Lalit Kala Akademi Award and later won the National Academy Award in New Delhi. Achuthan Kudallur passed away on July 18, 2022.

M. T. Vasudevan Nair



Born on August 15, 1934 in Kudallur, a small village in Palakkad district of Kerala, M.T. steadily started displaying exceptional creative skills in writing and soon carved a niche for himself through some outstanding novels and short stories in Malayalam. These works had the fine blend of romanticism, and many shades of human life, especially suffering, which he portrayed masterfully. This unique approach to writing made M.T. popular among the common man, as they found solace in the candid depiction of logical outcomes and simple philosophies of life. M.T.'s first major novel, Nalukettu was published in 1958 and literally created a stir in Malayalam literature. This masterful literary craftsmanship soon got widely acknowledged in the Malayalam literati and is also considered as a revival of a literary tradition initiated by Mr. Thekkathu Sivanankara Pillai, Mr. Vaikonen Mohammed Basheer and N. Unnikrishnan.

[FOR MORE REFERENCE](#)

Program # 4

4. Create MITS college Website with the help of style sheets, background colours, images, tables, and lists. Create multiple webpages which are easily navigable. Apply floating, mixed, and navigation frames to design the webpages.

PROGRAM CODE:

mits.html

```
<!DOCTYPE html>
<html>
<head>
<title>Mits Webpage</title>
<link rel="stylesheet" type="text/css" href="mits.css">
</head>
<body>

<div class="topnav">
  <a href="mits.html">Home</a>
  <a href="about.html">About</a>
  <a href="form.html">Registration form</a>
  <a href="contact.html">Contact Us</a>
</div>

</body>
</html>
```

about.html

```
<!DOCTYPE html>
<html>
<head>
<title>Mits Webpage</title>
<link rel="stylesheet" type="text/css" href="mits.css"> </head>
<body>

<div class="topnav">
  <a href="mits.html">Home</a>
  <a href="about.html">About</a>
  <a href="form.html">Registration form</a>
  <a href="contact.html">Contact Us</a></div>
```

<p>Muthoot Institute of Technology and Science (MITS) is promoted by Muthoot M. George Institute of Technology, a Section 25 Company within the Muthoot Group. MITS is a self financing technical institution offering postgraduate and undergraduate engineering programmes, situated in the industrial suburb of Kochi, close to the Smart City and Info Park, approximately 15 kms from Vytilla Junction towards Muvattupuzha on the Cochin Madurai National Highway. The promoters

with their commanding presence in the domains of Financial Services, Hospitality, Healthcare, Renewable Energy and Information Technology, are committed to building MITS as a centre of excellence, focusing purely on merit. This “temple of learning” will provide to the students, state-of-the-art infrastructure, highly qualified and proficient teachers from various faculty of engineering and allied streams, embedded in a conducive environment where focus will be on their harmonious development.

```
<hr>
<h2 style="color:red;text-align:left;"><b>VISION</b></h2>
<p>To be a centre of excellence for learning and research in engineering and technology, producing intellectually well-equipped and socially committed citizens possessing an ethical value system.</p><br>
<h2 style="color:red;text-align:left;"><b>MISSION</b></h2><p>
<ul style="list-style-type:disc;">
<li> Offer well-balanced programme of instruction, practical exercise and opportunities in technology.</li>
<li>Foster innovation and ideation of technological solutions on sustainable basis.</li>
<li> Nurture a value system in students and engender in them a spirit of inquiry.</li>
</ul></p><br><hr>
<a href="event.html">Events</a>
</body>
</html>
```

form.html

```
<html>
<head>
<title>registration form</title>
<link rel="stylesheet" type="text/css" href="mits.css"></head>
<body>

<div class="topnav">
  <a href="mits.html">Home</a>
  <a href="about.html">About</a>
  <a href="form.html">Registration form</a>
  <a href="contact.html">Contact Us</a></div>
<iframe src="table.html" width="100%" height="30%"></iframe>
<h1 style="color:blue;text-align:center;"><b><u><center>REGISTRATION FORM
</center></u></b></h1><form>
Student Name :<input type="text" name="name"/><br><br>
Father's Name :<input type="text" name="fname"/><br><br>
Mother's Name :<input type="text" name="mname"/><br><br>
Date Of Birth :<input type="date" name="birth"/><br><br>
<label>Gender: </label><input type="radio" name="gender"/>Male
<input type="radio" name="gender"/>Female<br><br>
Permanent Address:<br><textarea rows="4" cols="25" name="address"></textarea>
<br><br>
Religion:<input type="text" name="religion"/><br><br>
Age:<input type="number" name="age"/><br><br>
Phone number:<input type="text" name="pno"/><br><br>
Nationality:<input type="text" name="nationality"/><br><br>
```

```

Email:<input type="text" name="email"/><br><br>
Blood group:<input type="text" name="blood"/><br><br>
<label>Status:</label><input type="radio" name="status"/>Single
<input type="radio" name="status"/>Married<br><br>
<h3><b>EDUCATIONAL DETAILS</b></h3>
SSLC MARK:<input type="text" name="10"/><br><br>
PLUS TWO MARK:<input type="text" name="12"/><br><br>
DEGREE MARK:<input type="text" name="deg"/><br><br><br><br>
<label>Course Name:</label>
<input type="radio" name="course"/>Btech
<input type="radio" name="course"/>Mtech
<input type="radio" name="course"/>MCA<br><br>
<label>language known:</label>
<input type="checkbox" name="lang" value="on"/>php
<input type="checkbox" name="lang" value="on"/>java
<input type="checkbox" name="lang" value="on"/>c
<input type="checkbox" name="lang" value="on"/>c++
<input type="checkbox" name="lang" value="on"/>python<br><br>
<label>State:</label>
<select id="state" name="state">
<option value="kerala">kerala</option>
<option value="tamilnadu">tamilnadu</option>
<option value="goa">goa</option>
<option value="punjab">punjab</option>
<option value="maharashtra">maharashtra</option></select><br><br>
<h3>DECLARATION</h3>
<p>I hear by declare that all the information given are correct</p><br>
<a href="#top" >top</a><br><br>
<input type="submit" value="submit"></form>
</body>
</html>

```

contact.html

```

<!DOCTYPE html>
<html>
<head>
<title></title>
<link rel="stylesheet" type="text/css" href="mits.css"></head>
<body>

<div class="topnav">
  <a href="mits.html">Home</a>
  <a href="about.html">About</a>
  <a href="form.html">Registration form</a>
  <a href="contact.html">Contact Us</a></div>
<h3>OUR ADDRESS</h3>
Muthoot Institute of Technology and Science Varikoli P.O, Puthencruz- 682308

```



```
<h3>PHONE</h3>
0484-2732111
0484-2732100
<h3>EMAIL</h3>
info@mgits.ac.in
For placement related queries, pc@mgits.ac.in
</body>
</html>
```

mits.css

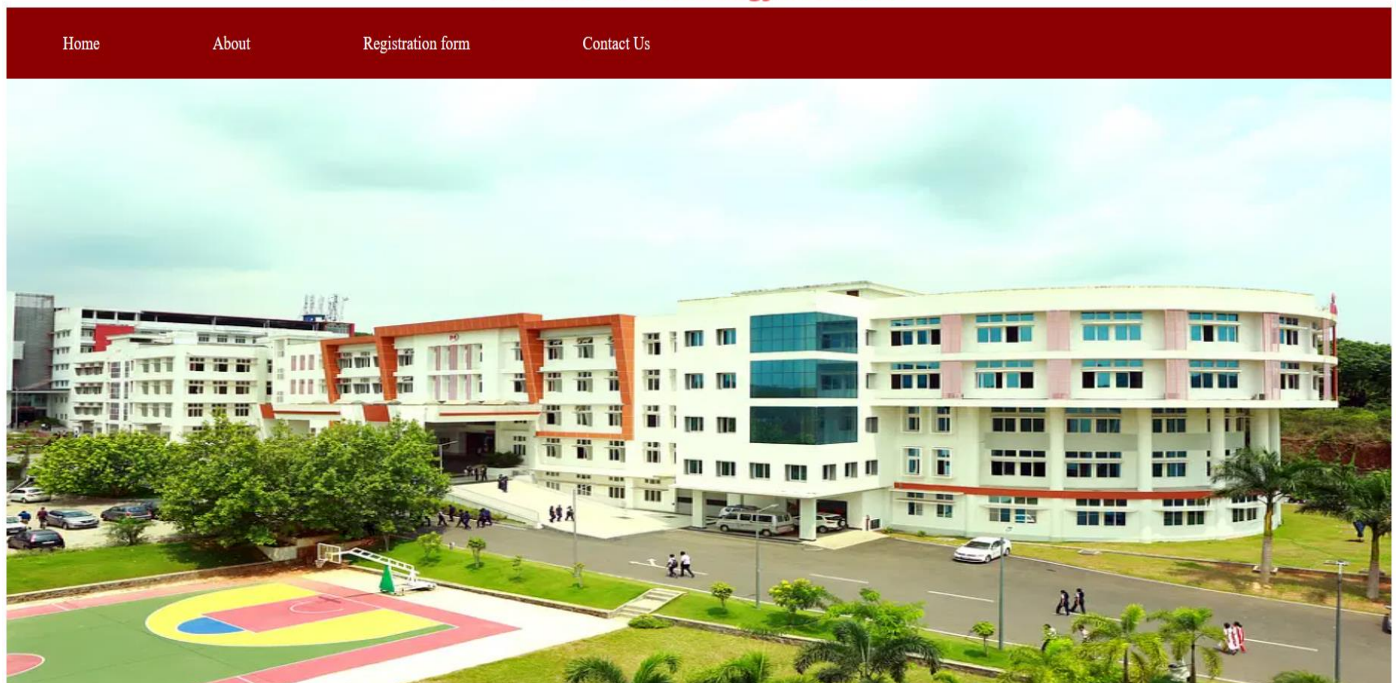
```
.topnav {
  background-color:darkred;
  overflow: hidden;
}

/* Style the links inside the navigation bar */
.topnav a {
  float:left;
  color:white;
  text-align: center;
  padding: 20px 60px;
  text-decoration: none;
  font-size: 20 px;
}

/* Change the color of links on hover */
.topnav a:hover {
  background-color: #ddd;
  color: black;
}

.logo {
  display: block;
  margin-left: auto;
  margin-right: auto;
  width: 30%;
}
```

OUTPUT:



**Muthoot
Institute of Technology & Science**

[Home](#) [About](#) [Registration form](#) [Contact Us](#)

Muthoot Institute of Technology and Science (MITS) is promoted by Muthoot M. George Institute of Technology, a Section 25 Company within the Muthoot Group. MITS is a self financing technical institution offering postgraduate and undergraduate engineering programmes, situated in the industrial suburb of Kochi, close to the Smart City and Info Park, approximately 15 kms from Vytilla Junction towards Muvattupuzha on the Cochin Madurai National Highway. The promoters with their commanding presence in the domains of Financial Services, Hospitality, Healthcare, Renewable Energy and Information Technology, are committed to building MITS as a centre of excellence, focusing purely on merit. This "temple of learning" will provide to the students, state-of-the-art infrastructure, highly qualified and proficient teachers from various faculty of engineering and allied streams, embedded in a conducive environment where focus will be on their harmonious development.



VISION
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MISSION

- Offer well-balanced programme of instruction, practical exercise and opportunities in technology;
- Foster innovation and ideation of technological solutions on sustainable basis;
- Nurture a value system in students and engender in them a spirit of inquiry;

[Events](#)





Muthoot
Institute of Technology & Science

[Home](#) [About](#) [Registration form](#) [Contact Us](#)

| S NO | courses |
|------|---|
| 1 | CIVIL ENGINEERING |
| 2 | COMPUTER SCIENCE & ENGINEERING |
| 3 | ELECTRONICS & COMMUNICATION ENGINEERING |
| 4 | ELECTRICAL & ELECTRONICS ENGINEERING |
| 5 | MECHANICAL ENGINEERING |
| 6 | MCA |

REGISTRATION FORM

Student Name :

Father's Name :

Mother's Name :

Date Of Birth :

Gender: ☐ Male ☒ Female

Permanent Address:

20MCA133 Web Programming Lab Record

Religion:
Age:
Phone number:
Nationality:
Email:
Blood group:
Status: ☒ Single ☐ Married

EDUCATIONAL DETAILS

SSLC MARK:
PLUS TWO MARK:
DEGREE MARK:

Course Name: ☐ Btech ☐ Mtech ☒ MCA
language known: ☒ php ☒ java ☒ c ☒ c++ ☒ python
State:

DECLARATION

I hear by declare that all the information given are correct

[top](#)



[Home](#)

[About](#)

[Registration form](#)

[Contact Us](#)

OUR ADDRESS

Muthoot Institute of Technology and Science Varikoli P.O, Puthencruz- 682308

PHONE

0484-2732111 0484-2732100

EMAIL

info@mgits.ac.in For placement related queries, pc@mgits.ac.in

Program # 5

5. Analyse CSS by applying various positioning methods of elements on a webpage with div elements and their classes using two external style sheets.

PROGRAM CODE:

p1.html

```
<html>
<head>
<link rel="stylesheet" href="style1.css"> <title>CSS Positioning</title>
</head>
<body>
<div class="parent">
<div class="child one">One</div>
<div class="child two">Two</div>
<div class="child three">Three</div>
<div class="child four">Four</div>
</div>
</body>
</html>
```

style1.css

```
body {
margin: 100px auto; }
.parent {
width: 500px;
border: 1px solid red;
margin: auto;
text-align: center; }
.child {
border-radius: 10%;
width: 100px;
height: 100px;
margin: 20px; }
.one {
background-color: red; }
.two {
background-color: blue; }
.three {
background-color: salmon; }
.four {
background-color: slateblue;
}
```

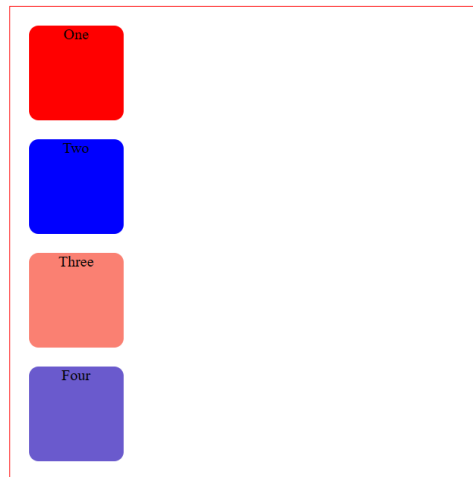
p1.html

```
<html>
<head>
<link rel="stylesheet" href="style2.css"> <title>CSS Positioning</title>
</head>
<body>
<div class="parent">
<div class="child one">One</div>
<div class="child two">Two</div>
<div class="child three">Three</div>
<div class="child four">Four</div>
</div>
</body>
</html>
```

Style2.css

```
body {
margin: 100px auto;
}
.parent {
width: 500px;
border: 1px solid red;
margin: auto;
text-align: center;
position: relative; }
.child {
border-radius: 10%;
width: 100px;
height: 100px;
margin: 20px; }
.one {
background-color: red;
position: absolute;}
.two {
background-color: blue;
}
.three {
background-color: salmon;
}
.four {
background-color: slateblue;
}
```

OUTPUT:



Lab Cycle 2

Program # 6

- 6. Create a HTML page to explain the use of various predefined functions in a string and math object in java script.**

PROGRAM CODE:

strframe1.html[illegible]


```

<h3 id="d5"><b></b></h3>
<p id="demo5"></p>
<h3 id="d6"><b></b></h3>
<p id="demo6"></p>
<h3 id="d7"><b></b></h3>
<p id="demo7"></p>
<h3 id="d8"><b></b></h3>
<p id="demo8"></p>
<script>
    function string(){
        var text1 = document.getElementById("t1").value;
        var n1 = document.getElementById("t2").value;
        var n2 = document.getElementById("t3").value;
        var n3 = document.getElementById("t4").value;
        var n4 = document.getElementById("t5").value;
        var n5 = document.getElementById("t6").value;
        var text2 = document.getElementById("t7").value;
        var text3 = document.getElementById("t8").value;
        var text4 = document.getElementById("t9").value;
        document.getElementById("h12").innerHTML = "String Functions";
        document.getElementById("str1").innerHTML = text1;
        document.getElementById("d1").innerHTML = "substring("+n1+", "+n2+")";
        document.getElementById("demo1").innerHTML = text1.substring(n1,n2)
        document.getElementById("d2").innerHTML = "substr("+n3+", "+n4+")";
        document.getElementById("demo2").innerHTML = text1.substr(n3,n4);
        document.getElementById("d3").innerHTML = "slice(0, "+n5+")";
        document.getElementById("demo3").innerHTML = text1.slice(n5);
        document.getElementById("d4").innerHTML = "replace("+text2+", "+text3+")";
        document.getElementById("demo4").innerHTML = text1.replace(text2,text3);
        document.getElementById("d5").innerHTML = "concat()";
        document.getElementById("demo5").innerHTML = text1.concat(" ",text4);
        document.getElementById("d6").innerHTML = "length of "+text1;
        document.getElementById("demo6").innerHTML = text1.length;
        document.getElementById("d7").innerHTML = "converting to uppercase";
        document.getElementById("demo7").innerHTML = text1.toUpperCase();
        document.getElementById("d8").innerHTML = "converting to lowercase";
        document.getElementById("demo8").innerHTML = text1.toLowerCase();;
    }
</script>
</body>
</html>

```

mathsframe2.html

```

<html>
<head>
    <title>JS String and Math Functions</title>
</head>
<body bgcolor=linen>
    <h1 style="color:red">Math Functions</h1>

```

```

<script>
function calc1(){
  var x=document.getElementById("number").value;
  var y=document.getElementById("n1").value;
  var w=document.getElementById("n2").value;
  var z=document.getElementById("n3").value;
  var a=document.getElementById("n4").value;
  var b=document.getElementById("n5").value;
  document.getElementById("demo").value=Math.round(x);
  document.getElementById("demo1").value=Math.ceil(x);
  document.getElementById("demo2").value=Math.trunc(x);
  document.getElementById("demo3").value=Math.sign(x);
  document.getElementById("demo4").value=Math.sqrt(x);
  document.getElementById("demo5").value=Math.log(x);
  document.getElementById("demo6").value=Math.log10(x);
  document.getElementById("demo7").value=Math.pow(x,y);
  document.getElementById("demo8").value=Math.abs(x);
  document.getElementById("demo9").value=Math.random();
  document.getElementById("demo10").value=Math.min(w,z,a,b);
  document.getElementById("demo11").value=Math.max(w,z,a,b);}
</script>
<h3 style="color:brown">Enter the Number:<input type="text" id="number"></h3>
<h3 style="color:brown">Enter the power :<input type="text" id="n1"></h3>
<h3 style="color:brown">Enter any number :<input type="text" id="n2"></h3>
<h3 style="color:brown">Enter any number :<input type="text" id="n3"></h3>
<h3 style="color:brown">Enter any number :<input type="text" id="n4"></h3>
<h3 style="color:brown">Enter any number :<input type="text" id="n5"></h3>
<button onClick="calc1()">click</button><br>
<h4 style="color:green">Rounded Value:<input type="text" id="demo"></h4>
<h4 style="color:green">Ceil Value:<input type="text" id="demo1"></h4>
<h4 style="color:green">Trunc Value:<input type="text" id="demo2"></h4>
<h4 style="color:green">Sign Value:<input type="text" id="demo3"></h4>
<h4 style="color:green">Square Root Value:<input type="text" id="demo4"></h4>
<h4 style="color:green">Log Value:<input type="text" id="demo5"></h4>
<h4 style="color:green">Log10 Value:<input type="text" id="demo6"></h4>
<h4 style="color:green">Power Value:<input type="text" id="demo7"></h4>
<h4 style="color:green">Absolute Value:<input type="text" id="demo8"></h4>
<h4 style="color:green">Random Value:<input type="text" id="demo9"></h4>
<h4 style="color:green">Minimum Value:<input type="text" id="demo10"></h4>
<h4 style="color:green">Maximum Value:<input type="text" id="demo11"></h4>
</body>
</html>

```

mathstr.html

```

<html>
<frameset cols="50%,50%">
<frame src="strframe1.html"></frame>
<frame src="mathsframe2.html"></frame>

```

20MCA133 Web Programming Lab Record

```
</frameset>
</html>
```

OUTPUT:

| | |
|---|---|
| <p>Enter the String: <input type="text" value="good morning"/></p> <p>Enter the start and end of string : <input type="text" value="4"/> <input type="text" value="8"/></p> <p>Enter the start and length of string : <input type="text" value="3"/> <input type="text" value="12"/></p> <p>Enter the end limit of slice : <input type="text" value="5"/></p> <p>Enter the string to be replaced and replace: <input type="text" value="good"/> <input type="text" value="bad"/></p> <p>Enter the string to be join: <input type="text" value="everyone"/></p> <p><input type="button" value="Submit"/></p> | <h3>Math Functions</h3> <p>Enter the Number: <input type="text" value="45.78"/></p> <p>Enter the power : <input type="text" value="2"/></p> <p>Enter any number : <input type="text" value="12"/></p> <p>Enter any number : <input type="text" value="-23"/></p> <p>Enter any number : <input type="text" value="-120"/></p> <p>Enter any number : <input type="text" value="100"/></p> <p><input type="button" value="click"/></p> <p>Rounded Value: <input type="text"/></p> <p>Ceil Value: <input type="text"/></p> <p>Trunc Value: <input type="text"/></p> <p>Sign Value: <input type="text"/></p> <p>Square Root Value: <input type="text"/></p> <p>Log Value: <input type="text"/></p> <p>Log10 Value: <input type="text"/></p> <p>Power Value: <input type="text"/></p> <p>Absolute Value: <input type="text"/></p> <p>Random Value: <input type="text"/></p> <p>Minimum Value: <input type="text"/></p> <p>Maximum Value: <input type="text"/></p> |
|---|---|

| | |
|---|---|
| <p>Enter the String: <input type="text" value="good morning"/></p> <p>Enter the start and end of string : <input type="text" value="4"/> <input type="text" value="8"/></p> <p>Enter the start and length of string : <input type="text" value="3"/> <input type="text" value="12"/></p> <p>Enter the end limit of slice : <input type="text" value="5"/></p> <p>Enter the string to be replaced and replace: <input type="text" value="good"/> <input type="text" value="bad"/></p> <p>Enter the string to be join: <input type="text" value="everyone"/></p> <p><input type="button" value="Submit"/></p> | <h3>Math Functions</h3> <p>Enter the Number: <input type="text" value="45.78"/></p> <p>Enter the power : <input type="text" value="2"/></p> <p>Enter any number : <input type="text" value="12"/></p> <p>Enter any number : <input type="text" value="-23"/></p> <p>Enter any number : <input type="text" value="-120"/></p> <p>Enter any number : <input type="text" value="100"/></p> <p><input type="button" value="click"/></p> <p>Rounded Value: <input type="text" value="46"/></p> <p>Ceil Value: <input type="text" value="46"/></p> <p>Trunc Value: <input type="text" value="45"/></p> <p>Sign Value: <input type="text" value="1"/></p> <p>Square Root Value: <input type="text" value="6.766091929614909"/></p> <p>Log Value: <input type="text" value="3.8238473145244205"/></p> <p>Log10 Value: <input type="text" value="1.6606757883385241"/></p> <p>Power Value: <input type="text" value="2095.8084"/></p> <p>Absolute Value: <input type="text" value="45.78"/></p> <p>Random Value: <input type="text" value="0.27133731274476625"/></p> <p>Minimum Value: <input type="text" value="-120"/></p> <p>Maximum Value: <input type="text" value="100"/></p> |
|---|---|

String Functions

```
good morning
substring(4,8)
mor
substr(3,12)
d morning
slice(0,5)
morning
replace(good,bad)
bad morning
concat()
good morning everyone
length of good morning
12
converting to uppercase
GOOD MORNING
converting to lowercase
good morning
```

Program # 7

7. Generate the calendar using JavaScript code by getting the year from the user.

PROGRAM CODE:

cal.html

```
<!DOCTYPE HTML>
<html>
<head>
<title>calender</title>
<style>
  table {
    border-collapse: collapse;
  }
  td,th {
    border: 3px solid black;
    padding: 8px;
    text-align: center;
  }
  th {
    font-weight: bold;
    background-color: #E6E6E6;
  }
  td{
    font-size: 30px;
  }
</style>
</head>
<body>
<b>Enter the year:
  <input type="text" placeholder="year" id="t1"><br><br>
  Enter the month:
  <input type="text" placeholder="month" id="t2"><br><br></b>
  <button type="button" onclick="call()">generate</button>
<center><h2 style="color:brown;" id="h1"></h2></center>
<br>
<br>
<div id="demo"></div>
<script>
  function createCalendar(elem, year, month) {
    document.getElementById("h1").innerHTML="CALENDER";
```

```

    let mon = month - 1;
    let d = new Date(year, mon);
    const days1 =
["January","February","March","April","May","June","July","August","September","October",
,"November","December"];
    const d1 = new Date(year,mon);
    let day1 = days1[d1.getMonth()];
    document.getElementById("h1").innerHTML="Calender "+day1+" "+year;
    let table =
'<center><table><tr><th>MO</th><th>TU</th><th>WE</th><th>TH</th><th>FR</th><th>
SA</th><th>SU</th></tr><tr>';
    for (let i = 0; i < getDay(d); i++) {
        table += '<td></td>';
    }
    // <td> with actual dates
    while (d.getMonth() == mon) {
        if (getDay(d) % 7 != 6)
            table += '<td>' + d.getDate() + '</td>';
        else
            table += '<td style="color:red;">' + d.getDate() + '</td>';
        if (getDay(d) % 7 == 6) {
            table += '</tr><tr>';
        }
        d.setDate(d.getDate() + 1);
    }
    if (getDay(d) != 0) {
        for (let i = getDay(d); i < 7; i++) {
            table += '<td></td>';
        }
    }
    table += '</tr></table></center>';
    elem.innerHTML = table;
}
function getDay(date) { // get day number from 0 (monday) to 6 (sunday)
    let day = date.getDay();
    if (day == 0) day = 7; // make Sunday (0) the last day
    return day - 1;
}
function call(){
    var year = document.getElementById("t1").value;
    var month = document.getElementById("t2").value;
    createCalendar(demo,year,month);
}
</script>
</body>
</html>

```

OUTPUT:

Enter the year:

Enter the month:

Enter the year:

Enter the month:

Calender December 2006

| MO | TU | WE | TH | FR | SA | SU |
|----|----|----|----|----|----|----|
| | | | | 1 | 2 | 3 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |

Program # 8

8. Create a HTML registration form and to validate the form using JavaScript code.

PROGRAM CODE:

valid.html

```
<html>
<head>
<title>Registration Form</title>
<style>
.error {
    color: red;
}
#container{
width: 602px;
height: 700px;
margin: 8px auto;
border-radius:15px;
padding: 5px;
border: 5px solid black;
```

```

background:linen;
}
input[type="text"],input[type="email"],input[type="date"],input[type="password"],textarea{
width:98%;
height:45px;
padding:2px 0px 2px 4px;
border-radius:6px;
background:#ecf0f1;
border:2px solid rgba(0,0,0,1);
color:black;
}
input[type="submit"]{
width:98%;
height:40px;
margin-bottom:34px;
border-radius:6px;
font:14px bold;
color:white;
background:blue;
text-transform:uppercase;
border:4px solid #000;
border-radius: 15px;
padding: 3px 10px;
}
input[type="submit"]:hover{
opacity:2;
cursor:pointer;
background-color: green;
}

```

```

</style>
</head>
<body>
<div id="container">
<h2 style="color:brown;text-align:center;"><b><u><center>REGISTRATION
FORM</center></u></b></h2>
<br>
<form id="registrationForm" onsubmit="return validateForm()">
<b><label for="name">NAME:</label></b><br>
<input type="text" id="name" name="name"><br>
<span id="nameError" class="error"></span><br>
<b><label for="name">DATE OF BIRTH:</label></b><br>
<input type="date" id="dob" name="dob"><br>
<span id="dobError" class="error"></span><br>
<b><label for="name">ADDRESS :</label></b><br>
<textarea rows="4" cols="25" name="address" id="address"></textarea><br>
<span id="addError" class="error"></span><br>
<b><label for="name">PHONE NUMBER:</label></b><br>
<input type="text" id="pno" name="pno" pattern="[0-9]{10}" ><br>
<span id="pnoError" class="error"></span><br>

```



```

<b><label for="username">USERNAME:</label></b><br>
<input type="text" id="username" name="username"><br>
<span id="usernameError" class="error"></span><br>
<b><label for="email">EMAIL:</label></b><br>
<input type="email" id="email" name="email"><br>
<span id="emailError" class="error"></span><br>
<b><label for="password">PASSWORD:</label></b><br>
<input type="password" id="password" name="password"><br>
<span id="passwordError" class="error"></span><br>
<b><input type="submit" value="SUBMIT"></b>
</form>
</div>
<script>
function validateForm() {
    const username = document.getElementById('username').value;
    const email = document.getElementById('email').value;
    const password = document.getElementById('password').value;
    const name=document.getElementById('name').value;
    const address=document.getElementById('address').value;
    const pno=document.getElementById('pno').value;
    const dob=document.getElementById('dob').value;
    const usernameError = document.getElementById('usernameError');
    const emailError = document.getElementById('emailError');
    const passwordError = document.getElementById('passwordError');
    const nameError = document.getElementById('nameError');
    const addError= document.getElementById('addError');
    const pnoError= document.getElementById('pnoError');
    const dobError= document.getElementById('dobError');
    let valid = true;
    if (username === "") {
        usernameError.textContent = 'Username is required';
        valid = false;
    } else {
        usernameError.textContent = "";
    }
    if (dob === "") {
        dobError.textContent = 'Date of birth is required';
        valid = false;
    } else {
        dobError.textContent = "";
    }
    if (address === "") {
        addError.textContent = 'Address is required';
        valid = false;
    } else {
        addError.textContent = "";
    }
    if (email === "") {
        emailError.textContent = 'Email is required';
        valid = false;
    }
}

```

```
    } else {  
        emailError.textContent = "";  
    }  
    if (pno=== "") {  
        pnoError.textContent = 'Phone number is required';  
        valid = false;  
    } else if (pno.length < 10) {  
        pnoError.textContent = 'Phone number must contain 10 digits';  
        valid = false;  
    } else {  
        pnoError.textContent = "";  
    }  
  
    if (password === "") {  
        passwordError.textContent = 'Password is required';  
        valid = false;  
    } else if (password.length < 9) {  
        passwordError.textContent = 'Password must be at least 8 characters';  
        valid = false;  
    } else {  
        passwordError.textContent = "";  
    }  
    if (name === "") {  
        nameError.textContent = 'Name is required';  
        valid = false;  
    } else {  
        nameError.textContent = "";  
    }  
    return valid;  
}  
</script>  
</body>  
</html>
```

OUTPUT:

REGISTRATION FORM

NAME:

DATE OF BIRTH:

ADDRESS :

PHONE NUMBER:

USERNAME:

EMAIL:

PASSWORD:

SUBMIT

REGISTRATION FORM

NAME:

Name is required

DATE OF BIRTH:

Date of birth is required

ADDRESS :

Address is required

PHONE NUMBER:

Phone number is required

USERNAME:

Username is required

EMAIL:

Email is required

PASSWORD:

Password is required

SUBMIT

REGISTRATION FORM

NAME:

DATE OF BIRTH:

ADDRESS :

PHONE NUMBER:

USERNAME:

! Please match the requested format.

EMAIL:

PASSWORD:

SUBMIT

REGISTRATION FORM

NAME:

DATE OF BIRTH:

ADDRESS :

PHONE NUMBER:

USERNAME:

EMAIL:

PASSWORD:

!

Please include an '@' in the email address. 'anu12' is missing an '@'.

REGISTRATION FORM

NAME:

DATE OF BIRTH:

ADDRESS :

PHONE NUMBER:

USERNAME:

EMAIL:

PASSWORD:

Password must be at least 8 characters

REGISTRATION FORM

NAME:

DATE OF BIRTH:

ADDRESS :

PHONE NUMBER:

USERNAME:

EMAIL:

PASSWORD:

Program # 9

9. Create a program using the JavaScript Event Listener to add multiple events on the same button

PROGRAM CODE:

multievents.html

```
<html>
<body>
<h2 style="color:red;text-align:center;">JavaScript addEventListener()</h2>
<p style="color:brown">To add multiple events on the same button using the
addEventListener() method.</p>
<button id="btn">click here</button>
<p style="color:green" id="demo"></p>
<script>
var x = document.getElementById("btn");
x.addEventListener("mouseover", mouseOverFunction);
x.addEventListener("click", mouseClickFunction);
x.addEventListener("mouseout", mouseOutFunction);
function mouseOverFunction() {
document.getElementById("demo").innerHTML += "Moused over!<br>";
}
function mouseClickFunction() {
document.getElementById("demo").innerHTML += "Clicked!<br>";
}
function mouseOutFunction() {
document.getElementById("demo").innerHTML += "Moused out!<br>";
}
</script>
</body>
</html>
```

OUTPUT:

JavaScript addEventListener()

To add multiple events on the same button using the addEventListener() method.

click here

JavaScript addEventListener()

To add multiple events on the same button using the addEventListener() method.

click here

Moused over!
Moused out!
Moused over!
Moused out!
Moused over!
Clicked!
Moused out!
Moused over!
Moused out!
Moused over!
Clicked!
Moused out!
Moused over!

Program#10

10. Develop a JavaScript Event Handling mechanism to change the background colour of a HTML page.

PROGRAM CODE:

bgcolor.html

```
<!DOCTYPE html>
<html>
<head>
<title>Change Background Colour on Mouse Click</title>
<style>
body { font-family: sans-serif; }
#container { width: 600px;
height: 400px;
margin: 50px auto;
padding: 20px;
text-align: center;
border: 1px solid #ccc;}
</style>
</head>
<body>
<div id="container">
<h1><u><b> changing Background Color</b></u></h1>
<p>CLICK HERE to change the colour!!!</p> </div>
<script>
const container = document.getElementById('container');
container.addEventListener('click', () => {
const colors = ['#CD5C5C','#454545', '#008080', '#000000', '#FF0000', '#808000',
'#800080','#000080'];
const randomColor = colors[Math.floor(Math.random() * colors.length)];
container.style.backgroundColor = randomColor; });
</script>
</body>
</html>
```

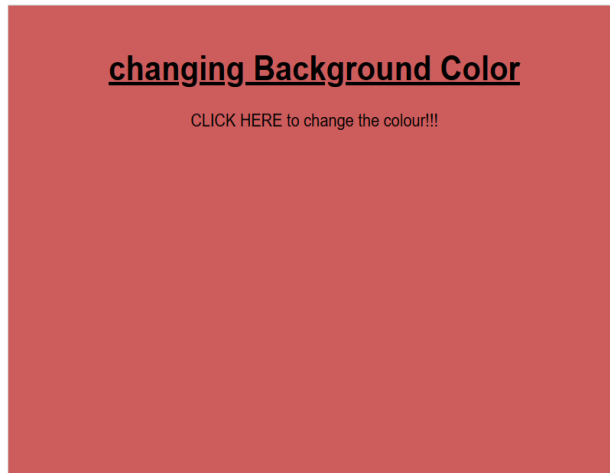
OUTPUT:

changing Background Color

CLICK HERE to change the colour!!!

changing Background Color

CLICK HERE to change the colour!!!



Program#11

- 11.** Create a HTML page to display a new image and text when the mouse comes over the existing content in the page using JavaScript Event Handling mechanism.

PROGRAM CODE:

mouseovering.html

```
<html>
<head>
<meta charset="UTF-8">
<title>Image and Text Hover</title>
<style>
#image-container {
position: relative;
width: 600px;
height: 500px;
background-color: #ccc;
text-align: center;
}
#image-container img {
width: 100%;
height: auto; }
#hidden-content {
position: absolute;
top: 0;
left: 0;
width: 100%;
height: 100%;
background-color: rgba(0, 0, 0, 0.5);
color: white;
text-align: center;
display: none; }
</style>
</head>
<body>
<h2 style="color:brown">Place mouse over image to see the <u>MAGIC</u></h2>

<div id="image-container">

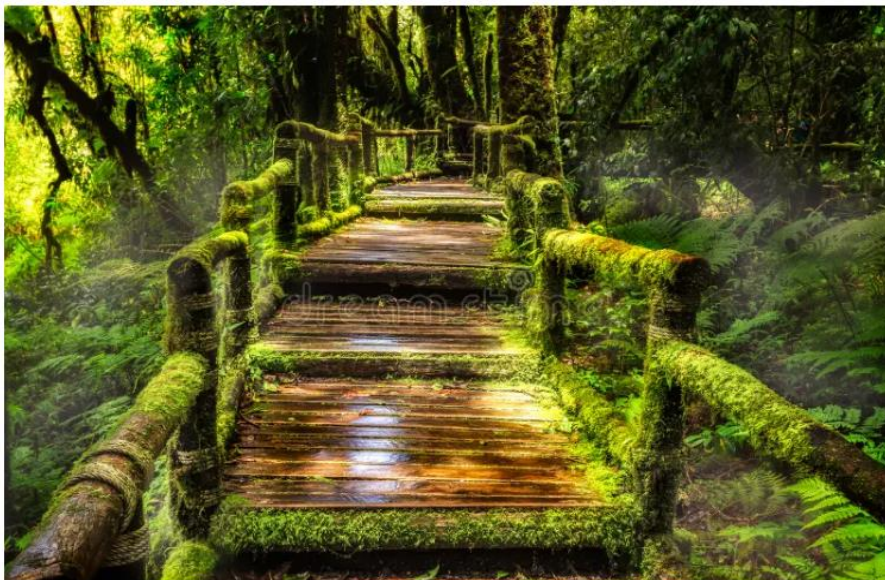
<p id="image-text">green life!!</p>
<div id="hidden-content">

</div>
</div>
```

```
<script>
const imageContainer = document.getElementById('image-container');
const hiddenContent = document.getElementById('hidden-content');
const imageText = document.getElementById('image-text');
imageContainer.addEventListener('mouseover', () => {
  hiddenContent.style.display = 'block';
  imageText.textContent = 'waterfall'; });
imageContainer.addEventListener('mouseout', () => {
  hiddenContent.style.display = 'none';
  imageText.textContent = 'beautiful nature !!'; });
</script>
</body>
</html>
```

OUTPUT:

Place mouse over image to see the MAGIC



beautiful nature !!

Place mouse over image to see the MAGIC



waterfall

Program#12

12. Design and develop a complete Online exam using Html, CSS and JavaScript.

PROGRAM CODE:

online.html

```
<html>
<head>
<style>
body {
  font-family: Amasis MT Pro Black,times new roman;
  font-size:20;
  background-color:pink;
}
.container {
  max-width: 980px;
  margin: 50px auto;
  padding: 30px;
  border: 5px solid green;
  border-radius: 15px;
  background-color: white;
}
#options {
  margin-top: 10px;
  margin-left:20px;
  max-width: 10px;
}
button {
  margin-top: 40px;
  padding: 10px 30px;
  background-color: blue;
  font-family:times new roman;
  font-size:15;
  color: white;
  border: 10;
  border-radius: 5px;
  cursor: pointer;
}
button:hover {
  background-color: grey;
}
</style>
<body>
```

```

<h1 style="color:black;text-align:center;font-family:Algerian;font-size:50;"><u>QUIZ
TIME</u></h1>
<hr>
<div class="container">
  <b> <div id="question"></div></b>
  <div id="options"></div><br>
  <b> <div id="result"></div></b>
  <b><div id="cans"></div></b>
  <button id="nextButton">Next</button>
</div>
<script>
const questions = [
  {
    question: "Name the national animal of India ?",
    options: ["tiger", "lion", "elephant", "cat"],
    answer: "tiger"
  },
  {
    question: "Name the national flower of India ?",
    options: ["lotus", "daisy", "rose", "jasmine"],
    answer: "lotus"
  },
  {
    question: "Name the National bird of India ?",
    options: ["pigeon", "parrot", "peacock", "hornbill"],
    answer: "peacock"
  },
  {
    question: "How many vowels are there in the English alphabet ?",
    options: ["7", "6", "5", "3"],
    answer: "5"
  },
  {
    question: "Rainbow consist of how many colours?",
    options: ["5", "7", "5", "14"],
    answer: "7"
  },
  {
    question: "How many days are there in a week??",
    options: ["5", "7", "6", "3"],
    answer: "7"
  },
];
let currentQuestion = 0;
let score = 0;
const questionElement = document.getElementById("question");
const optionsElement = document.getElementById("options");
const resultElement = document.getElementById("result");
const nextButton = document.getElementById("nextButton");
function displayQuestion() {

```



```

const q = questions[currentQuestion];
questionElement.textContent = q.question;
optionsElement.innerHTML = "";
q.options.forEach(option => {
  const button = document.createElement("button");
  button.textContent = option;
  button.addEventListener("click", () => checkAnswer(option));
  optionsElement.appendChild(button);
});
}
function checkAnswer(answer) {
  const q = questions[currentQuestion];
  if (answer === q.answer) {
    score++;
    resultElement.textContent = "Correct!";
  } else {
    resultElement.textContent = answer+" is Incorrect!";
    document.getElementById("cans").innerHTML="Correct answer:"+q.answer;
  }
  nextButton.style.display = "block";
}
nextButton.addEventListener("click", () => {
  currentQuestion++;
  resultElement.textContent = "";
  if (currentQuestion < questions.length) {
    displayQuestion();
    nextButton.style.display = "none";
    document.getElementById("cans").innerHTML=" ";
  } else {
    document.getElementById("cans").innerHTML=" ";
    showResult();
  }
});
function showResult() {
  questionElement.textContent = `You scored ${score} out of ${questions.length}!`;
  optionsElement.innerHTML = "";
  nextButton.style.display = "none";
}
displayQuestion();
</script>
</body>
</html>

```

OUTPUT:

QUIZ TIME

Name the national animal of India ?

tiger

lion

elephant

cat

Next

QUIZ TIME

Name the national animal of India ?

tiger

lion

elephant

cat

Correct!

Next

QUIZ TIME

Name the national flower of India ?

lotus

daisy

rose

jasmine

rose is Incorrect!
Correct answer:lotus

Next

QUIZ TIME

You scored 4 out of 6!