GOVERNMENT OF KERALA

DEPARTMENT OF TECHNICAL EDUCATION

Rajiv Gandhi Institute of Technology
(GOVT.ENGINEERING COLLEGE)

KOTTAYAM-686 501

Tel: 0481-2507763, 2506153

RECORD BOOK
GOVERNMENT OF KERALA

DEPARTMENT OF TECHNICAL
EDUCATION **Rajiv Gandhi**
Institute of Technology
(GOVT.ENGINEERING COLLEGE)

KOTTAYAM-686501 Tel: 0481-2507763, 2506153

•••

Name……DHANYA JOSE………………………….….…………

Branch………MCA…....………………………………………...

Semester ……FIRST SEMESTER.……… Roll No …33……….....

Certified bonafide record work done by

Reg.No……………………KTE20MCA-2030…………………………………

KOTTAYAM   **STAFF IN CHARGE**

INDEX

LAB CYCLE 1 :HTML

EXPERIMENT NO:1
DATE:22/01/2021

AIM:

To create a simple html file to demonstrate the use of different tags such as heading tags <h1>...<h6>, <p>, <br>, <b>, <u>, <i>, <align> tag with <p> tag/ heading tags, <bgcolor> with <body> tag, <marquee> tag, <a> tag and <img> tag.

SOURCE CODE:

```
<! DOCTYPE html>
<html>
<head>
     <title>malayalam film:Helen</title>
</head>
<body bgcolor="pink">
     <h3><marquee width="100%" direction="right"
height="20px">Helen: Film Review – A Gripping Survival
Story!</marquee></h3>
     <img src="https://www.sify.com/uploads/helen5-tlqt49cacjddh.jpg"
height="50%" width="100%">
     <h1 align="center"><b><u><i><font
color="black">HELEN</font></i></u></b></h1>
<p align="center"><font size="5px">Language: Malayalam<br>Cast: Anna
Ben, Lal<br>Director: Mathukutty Xavier</font></p><br>
<p >Helen is a thriller drama that portrays the story of a girl who goes missing
one night and her fight to survive.
 The film is written by Alfred Kurian Joseph, Noble Babu Thomas, and
Mathukutty Xavier, directed by debutant Mathukutty Xavier
```

and features Kumbalangi Nights fame Anna Ben in the lead. The film is produced by Vineeth Sreenivasan and co-produced by Bonny Mary Mathew.

<h2>What's Helen About:</h2>
        <p>Helen (Anna Ben) is a nurse who aspires to work in Canada to pay off the family debts. She works as a part-time staff at 'The Chicken Hub' while she prepares for IELTS. Her father Paul (Lal) and her are really close and inseparable. Helen also has Azhar (Noble Babu Thomas) in her life, her love interest who is quite an irresponsible guy. Helen forces him to find a job and he finally does but in Chennai. The night before his departure, Azhar is caught by police for drunken driving when he's with Helen. This incident hurts her father deeply and he stops talking to her. Unable to face her father, Helen lingers around longer at her workplace, but accidentally gets locked up in the freezer room. With no one around to help, and being stuck in a room with a temperature of -18C, Helen is trying her best to stay alive. Meanwhile, her father approaches the cops to find her missing daughter.</p>
                <h4>Why You Should Watch:</h4>
                <p>Helen is one of its kind and keeps you at the edge of your seats till the very end. It sure has some good performances and a great plot that could keep you entertained.</p>
For book your tickets:

Book MyShow
For any help:
Send email
</body>
</html>

SAMPLE OUTPUT:

15/04/2021   malayalam film Helen

Helen: Film Review – A Gripping Survival Story!

H E L E N

HELEN

Language: Malayalam
Cast: Anna Ben, Lal
Director: Mathukutty Xavier

Helen is a thriller drama that portrays the story of a girl who goes missing one night and her fight to survive. The film is written by Alfred Kurian Joseph, Noble Babu Thomas, and Mathukutty Xavier, directed by debutant Mathukutty Xavier and features Kumbalangi Nights fame Anna Ben in the lead. The film is produced by Vineeth Sreenivasan and co-produced by Bonny Mary Mathew.

What's Helen About:

Helen (Anna Ben) is a nurse who aspires to work in Canada to pay off the family debts. She works as a part-time staff at 'The Chicken Hub' while she prepares for IELTS. Her father Paul (Lal) and her are really close and inseparable. Helen also has Azhar (Noble Babu Thomas) in her life, her love interest who is quite an irresponsible guy. Helen forces him to find a job and he finally does but in Chennai. The night before his departure, Azhar is caught by police for drunken driving when he's with Helen. This incident hurts her father deeply and he stops talking to her. Unable to face her father, Helen lingers around longer at her workplace, but accidentally gets locked up in the freezer room. With no one around to help, and being stuck in a room with a temperature of -18C, Helen is trying her best to stay alive. Meanwhile, her father approaches the cops to find her missing daughter.

Why You Should Watch:

Helen is one of its kind and keeps you at the edge of your seats till the very end. It sure has some good performances and a great plot that could keep you entertained.

For book your tickets:
Book MyShow
For any help:
Send email

EXPERIMENT NO:2
DATE:23/01/2021

AIM:

Create a web page which contains notes on lists in HTML (ordered and unordered).

SOURCE CODE:

```
<html>

<head>

<title>html list</title>

</head>

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

<h1>Ordered List</h1>

<ol type="1">

    <li>Veg Soups</li>

        <ol type="1">

                <li>Tomato Soup</li>

                <li>Veg Sweet Corn Soup</li>

                <li>Veg Manchaw Soup</li>

        </ol>

    <li>Non Veg Soups</li>

        <ol type="i">

                <li>Chicken Soup</li>
```

```
            <li>Mutton Soup</li>

            <li>Chicken Sweet Corn Soup</li></ol>

        </ol>

<h1>Unordered List</h1>

<ul style="list-style-type:circle;">

 <li>Breakfast</li>

        <ul style="list-style-type:disc;">

            <li>Idli</li>

            <li>Dosa</li>

        </ul>

 <li>Snacks</li>

 <li>Lunch</li>

 <li>Dinner</li>

</ul>

</body>

</html>
```

SAMPLE OUTPUT:

Ordered List

1. Veg Soups
    1. Tomato Soup
    2. Veg Sweet Corn Soup
    3. Veg Manchaw Soup
2. Non Veg Soups
    i. Chicken Soup
    ii. Mutton Soup
    iii. Chicken Sweet Corn Soup

Unordered List

- Breakfast
    - Idli
    - Dosa
- Snacks
- Lunch
- Dinner

EXPERIMENT NO:3
DATE:10/02/2021

AIM:

Create a static webpage for your college with the following information:

a) Name of college (First level heading, text align = center, color = blue, use style attribute)

b) Add vision and mission of the college as scrolling text (color = green)

c) About us (Second level heading, background–color = red, color = white, use style attribute)

i. Insert an image of your college.

(Align image in center, width = 1000px, height = 300px)

ii. Add a brief description about your college. (justified paragraph)

d) Courses Offered (Second level heading, background–color = red, color = white, use style attribute)

i. Add a brief description about courses offered. (justified paragraph) Add

course details (Use HTML table)

ii. Contact us. (Second level heading, background–color = red, color = white)

Address for Communication (Third level heading, color = blue) Address of the

college

Add Link to the official website of the college.

SOURCE CODE:

```
<!DOCTYPE html<html>

  <head>
```

```
<title>sample college website</title>

<style>

table, th, td {

width:600px;

text-align:left;

}

img {

display: block;

margin-left: auto;

margin-right: auto;

}

</style>

</head>

<body>

<h1 style="text-align:center;color:blue;">RAJIV GANDHI INSTITUTE OF TECHNOLOGY</h1>

<marquee behavior="scroll" direction="left" style="color:green;font-size:20px;">VISION-

Be a centre of technological excellence for the betterment of society..

MISSION-To impart professional education to students from all sectors of the society to mould them to be competent,

committed, research oriented and socially responsible citizens capable of deploying technology for the goodwill of society.
```

</marquee>

<h2 style="background-color:red;color:white">About Us..</h2>

<img src="http://rit.ac.in/ritsoft/ritsoftv2/images/card/a1.jpg" height="300px" width="1000px">

<p>Rajiv Gandhi Institute of Technology, named after the late Prime Minister Sri Rajiv Gandhi, run by the Government of Kerala, started functioning in 1991.

It has established a vast infrastructure and put together a team of dedicated teachers. The institution has become one of the leading technical Institutes in Kerala.

The government has started this institution in the view of making it a center for post graduation and research studies.

The college is affiliated to the APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY.

</p>

<h2 style="background-color:red; color:white">Courses Offered..</h2>

<P>All courses offered by RIT are affiliated to APJ Abdul Kalam Technological University and approved by the All India Council for Technical Education (AICTE).

The B. Tech programmes are of 8 semester (4 year) duration. The combined first and second semester courses are common for all branches.

The B. Arch programme is of 10 semester (5 year) duration. The M.Tech programmes are of 4 semester (2 year) duration,

and the MCA programme is of 6 semester (3 year) duration

</P>

<table border="1">

  <tr>

```
  <th colspan="3">UG</th>
</tr>
<tr>
  <th>Course</th>
  <th>Department</th>
  <th>Intake</th>
</tr>
<tr>
  <th rowspan="5">B.Tech</th>
  <td>Civil Engineering</td>
  <td>66</td>
</tr>
<tr>
  <td>Mechanical Engineering</td>
  <td>66</td>
</tr>
<tr>
  <td>Electrical &Electronics Engineering</td>
  <td>66</td>
</tr>
<tr>
```

```
    <td>Electronics &Communication Engineering</td>

    <td>66</td>

  </tr>

  <tr>

    <td>Computer Science &Engineering</td>

    <td>66</td>

  </tr>

  <tr>

    <th>B.Arch</th>

    <td>Architecture</td>

    <td>40</td>

  </tr>

</table>

<br>

<table border="1">

  <tr>

    <th colspan="4">PG</th>

  </tr>

  <tr>

    <th>Course</th>

    <th>Department</th>
```

```
  <th>Specialization</th>

  <th>Intake</th>

</tr>

<tr>

  <th rowspan="6">M.Tech</th>

  <td>Civil Engineering</td>

  <td>Transportation Engineering</td>

  <td>18</td>

</tr>

<tr>

  <td>Mechanical Engineering</td>

  <td>Industrial Engg. & Management</td>

  <td>18</td>

</tr>

<tr>

  <td>Electrical &Electronics Engineering</td>

  <td>Industrial Drives & Control</td>

  <td>18</td>

</tr>

<tr>

  <td>Electronics &Communication Engineering</td>
```

```
    <td>Advanced Communication and Information System</td>

    <td>18</td>

  </tr>

  <tr>

    <td>Electronics &Communication Engineering</td>

    <td>Advanced Electronics and Communication</td>

    <td>18</td>

  </tr>

  <tr>

    <td>Computer Science &Engineering</td>

    <td>Computer Science and Engineering</td>

    <td>18</td>

  </tr>

  <tr>

    <th>Mca</th>

    <td>Mca</td>

    <td>Computer Applications</td>

    <td>60</td>

  </tr>

</table>

<h2 style="background-color:red;color:white">Contact Us..</h2>
```

```
<h3 style="color:blue;">Address for Communication</h3>

<p>Velloor PO<br>

  Pampady<br>

  Kottayam – 686501, Kerala State<br>

 <a href="http://www.rit.ac.in" target="blank">Official Website</a>

 </p>

</body>

</html>
```

SAMPLE OUTPUT:

RAJIV GANDHI INSTITUTE OF TECHNOLOGY

students from all sectors of the society to mould them to be competent, committed, research oriented and socially responsib

About Us..

Rajiv Gandhi Institute of Technology, named after the late Prime Minister Sri Rajiv Gandhi, run by the Government of Kerala, started functioning in 1991. It has established a vast infrastructure and put together a team of dedicated teachers. The institution has become one of the leading technical Institutes in Kerala. The government has started this institution in the view of making it a center for post graduation and research studies. The college is affiliated to the APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY.

Courses Offered...

All courses offered by RIT are affiliated to APJ Abdul Kalam Technological University and approved by the All India Council for Technical Education (AICTE). The B. Tech programmes are of 8 semester (4 year) duration. The combined first and second semester courses are common for all branches. The B. Arch programme is of 10 semester (5 year) duration. The M.Tech programmes are of 4 semester (2 year) duration, and the MCA programme is of 6 semester (3 year) duration.

UG

Course	Department	Intake
B.Tech	Civil Engineering	66
	Mechanical Engineering	66
	Electrical &Electronics Engineering	66
	Electronics &Communication Engineering	66
	Computer Science &Engineering	66
B.Arch	Architecture	40

PG

Course	Department	Specialization	Intake
M.Tech	Civil Engineering	Transportation Engineering	18
	Mechanical Engineering	Industrial Engg. & Management	18
	Electrical &Electronics Engineering	Industrial Drives & Control	18
	Electronics &Communication Engineering	Advanced Communication and Information System	18
	Electronics &Communication Engineering	Advanced Electronics and Communication	18
	Computer Science &Engineering	Computer Science and Engineering	18
Mca	Mca	Computer Applications	60

Contact Us..

Address for Communication

Velloor PO
Pampady
Kottayam - 686501, Kerala State
Official Website

EXPERIMENT NO:4
DATE:10/02/2021

AIM:
Create an attractive webpage showing the images and description of at least three festivals in India. Set width and height of the images as 500px and 700px respectively. When an image of a festival is clicked, user must redirect to another webpage showing details of that festival. The new webpage should be opened in another tab.

SOURCE CODE:

festival.html

```
<!DOCTYPE html>
<html>
<head>
      <title>festivals</title>
</head>
<body bgcolor="powderblue">
<h2 align="center"><font size="10px"><u>Festivals in
India</u></font></h2><br>
<h3><b>1.Christmas</b></h3>
<a href="christmas.html" target="blank">
<img
src="https://www.india-tours.com/images/festivals/christmas-festival/christmas-festival-in-india-4.jpg" alt="christmas" width="400px"
height="300px"></a>
<p><i>Christmas needs no introduction. It marks the birth of Jesus Christ and so, holds special significance for Christians.
 But like many other festivals in the country, it also holds appeal for the people of other religions</i></p><br>
<h3><b>2.Diwali</b></h3>
<a href="diwali.html" target="_blank">
```

```
<img
src="https://www.fabhotels.com/blog/wp-content/uploads/2018/10/Diwali.jp
g" alt="diwali" width="400px" height="300px"></a>
<p><i>Diwali or Deepavali is the most spectacular festival celebrated in the
Indian subcontinent.
 The celebrations are marked by people decorating their homes with candles,
earthen lamps, and lights, bursting crackers, and exchanging gifts and sweets
with friends and family.</i></p><br>
<h3><b>3.Holi</b></h3>
<a href="holi.html" target="blank">
<img
src="https://www.fabhotels.com/blog/wp-content/uploads/2018/10/Holi.jpg"
alt="holi" width="400px" height="300px"></a>
<p><i>Holi is another noteworthy name in the list of festivals of India.
Considered the festival of love and the festival of colors, it signifies the arrival
of spring and the victory of good over evil.</i></p>
</body>
</html>
```

christmas.html

```
<!DOCTYPE html>
<html>
<head>
</head>
<body style="background-color:pink;">
<h1 style="color:red;">Christmas...25 December</h1>
<img
src="https://i2.wp.com/blog.tickets2you.com/wp-content/uploads/2017/11/mi
ckeys-very-merry-chirstmas-party-parade.jpg?resize=451%2C300"
width="700" height="300">
<h2 style="color:red;">Christmas Festival</h2>
<p>Christmas is both a divine religious holiday and a worldwide cultural and
commercial phenomenon Christians
celebrate Christmas day as the anniversary of the birth of Jesus of Nazareth, a
spiritual leader whose teachings form the basis
 of their Myth. Christmas is one of the major festivals celebrated by the people
across the globe.
</p>
<p style="font-size:15px;color:grey;">"Christmas is Joy ,holy Joy, an inner joy
of light and peace". </p>
<img
src="https://i2.wp.com/s-i.huffpost.com/gen/2430326/original.jpg?resize=47
4%2C320&ssl=1" width="500" height="300">
<p>It is also known as the Feast day of Christ and celebrated in the honour  of
birth of Jesus Christ.
</p>
</body></html>
```

diwali.html

```
<!DOCTYPE html>
<html>
<head>
</head>
<body style="background-color:pink;">
<h1 style="color:red;"><u>Diwali..</u></h1>
<h2  style="color:violet;">Diwali Festival</h2><br>
<p>Diwali, also spelled Divali, one of the major religious festivals in Hinduism, Jainism, and Sikhism, lasting for five days
 from the 13th day of the dark half of the lunar month Ashvina to the second day of the light half of the lunar month Karttika.
</p>
<img src="https://cdn.britannica.com/99/155499-050-864E622E/oil-lamps.jpg" width="700" height="300">
<p>DIWALI: FESTIVAL OF LIGHTS<br>
In India, one of the most significant festivals is Diwali, or the Festival of Lights. It's a five-day celebration that includes good food, fireworks, colored sand, and special candles and lamps.
</p>
<img src="https://blog-admin.voylla.com/voylla-blog/wp-content/uploads/2020/10/diwali-festival-of-india.jpg"  width="500" height="300">
</body>
</html>
```

holi.html

```
<!DOCTYPE html>
<html>
<head>
</head>
<body bgcolor="pink
">
<h1 style="color:red;"><u>Holi..</u></h1>
<img src="https://www.holifestival.org/images/holi-festival.jpg"
width="700" height="300">
<h2  style="color:red;">Holi Festival</h2>
<p>Holi is considered as one of the most revered and celebrated festivals of
India and it is celebrated in almost
every part of the country. It is also sometimes called as the "festival of love" as
on this day people get to
unite together forgetting all resentments and all types of bad feeling towards
each other.
</p>
<img
src="https://in.bmscdn.com/nmcms/events/banner/desktop/media-desktop-
holi-festival-2020-3-4-t-16-19-40.jpg"  width="100%" height="300">

</body>
</html>
```

SAMPLE OUTPUT:

Festivals in India

1.Christmas

Christmas needs no introduction. It marks the birth of Jesus Christ and so, holds special significance for Christians. But like many other festivals in the country, it also holds appeal for the people of other religions

2.Diwali

Diwali or Deepavali is the most spectacular festival celebrated in the Indian subcontinent. The celebrations are marked by people decorating their homes with candles, earthen lamps, and lights, bursting crackers, and exchanging gifts and sweets with friends and family.

3.Holi

Holi is another noteworthy name in the list of festivals of India. Considered the festival of love and the festival of colors, it signifies the arrival of spring and the victory of good over evil.

christmas.html

Christmas...25 December

Christmas Festival

Christmas is both a divine religious holiday and a worldwide cultural and commercial phenomenon Christians celebrate Christmas day as the anniversary of the birth of Jesus of Nazareth, a spiritual leader whose teachings form the basis of their Myth. Christmas is one of the major festivals celebrated by the people across the globe.

"Christmas is Joy ,holy Joy, an inner joy of light and peace".

It is also known as the Feast day of Christ and celebrated in the honour of birth of Jesus Christ.

holi.html

Holi..

Holi Festival

Holi is considered as one of the most revered and celebrated festivals of India and it is celebrated in almost every part of the country. It is also sometimes called as the "festival of love" as on this day people get to unite together forgetting all resentments and all types of bad feeling towards each other.

diwali.html

Diwali..

Diwali Festival

Diwali, also spelled Divali, one of the major religious festivals in Hinduism, Jainism, and Sikhism, lasting for five days from the 13th day of the dark half of the lunar month Ashvina to the second day of the light half of the lunar month Karttika.

DIWALI: FESTIVAL OF LIGHTS
In India, one of the most significant festivals is Diwali, or the Festival of Lights. It's a five-day celebration that includes good food, fireworks, colored sand, and special candles and lamps.

EXPERIMENT NO:5
DATE:10/02/2021

Using HTML Iframes create a webpage with two frames. One frame contains list of items as hyperlinks - Fruits, Vegetables, Flowers and Trees. When an item is selected, details and images of the selected item should be displayed on right frame.

Fruits Vegetables Flowers Trees	Select any of the items shown on the left

Left Frame   Right Frame

SOURCE CODE:

list.html

```
<!DOCTYPE html>
<html>
<head>
</head>
<body>
<ul>
<li><a href="fruits.html" target="rightframe">Fruits</a></li>
<li><a href="veg.html" target="rightframe">Vegetables</a></li>
<li><a href="flowers.html" target="rightframe">Flowers</a></li>
<li><a href="trees.html" target="rightframe">Trees</a></li>
</ul>
</body>
</html>
```

details.html

```
<!DOCTYPE html>
<html>
<head>
</head>
<body>
<p>Select any of the items shown on the left</p>
</body>
</html>
```

frame.html

```
<!DOCTYPE html>
<html>
<head>
</head>
<body>
<iframe  src="list.html" name="leftframe"  width = "300" height =
"200"></iframe>

<iframe src="details.html" name="rightframe"  width = "500" height =
"200"></iframe>
</body>
</html>
```

fruits.html

```
<!DOCTYPE html>
<html>
<head>
</head>
<body>
<h1 style="color:orange; text-align:center;">Fruits..</h1><br>
<img
src="https://cdn.cliqueinc.com/posts/281986/fruits-that-are-high-in-sugar
-281986-1566362117724-main.500x0c.jpg?interlace=true&quality=70"
width="400" height="200">
<p><i>Fruits are the means by which angiosperms disseminate seeds. Edible
fruits, in particular, have propagated with the movements of humans and
animals in a symbiotic relationship as a means for seed dispersal and
nutrition; in fact, humans and many animals have become dependent on fruits
as a source of food</i>
</p>
</body>
</html>
```

veg.html

```
<!DOCTYPE html>
<html>
<head>
</head>
<body>
<h1 style="background-color:green;color:brown;
text-align:center;">Vegetables</h1><br>
<img
src="https://img.webmd.com/dtmcms/live/webmd/consumer_assets/site_i
mages/articles/health_tools/12_powerhouse_vegetables_slideshow/intro_c
ream_of_crop.jpg" width="700" height="300">
<p>Vegetables are parts of plants that are consumed by humans or other
animals as food.
The original meaning is still commonly used and is applied to plants
collectively to refer to all edible plant matter,
including the flowers, fruits, stems, leaves, roots, and seeds. The alternate
definition of the term is applied somewhat
arbitrarily, often by culinary and cultural tradition. It may exclude foods
derived from some plants that are fruits, flowers, nuts,
and cereal grains, but include savoury fruits such as tomatoes and courgettes,
flowers such as broccoli, and seeds such as pulses.
</p>
</body>
</html>
```

flowers.html

```
<!DOCTYPE html>
<html>
<head>
</head>
<body  bgcolor="pink">
<h1><u>Flowers..</u></h1><br>
<img
src="https://cdn.britannica.com/84/73184-004-E5A450B5/Sunflower-field-F
argo-North-Dakota.jpg" width="300" height="200">
<p><i>Flowers are also called the bloom or blossom of a plant.
Flowers have petals. Inside the part of the flower that has petals are the parts
which produce pollen and seeds.
Flowers may grow separately on the plant, or they may grow together in an
inflorescence.</i>
</p>
<img
src="https://www.gardendesign.com/pictures/images/675x529Max/site_3/pa
radiso-pink-mum-fall-flower-proven-winners_14469.jpg" width="300"
height="200">
<p>Flowers' importance in nature is everywhere—they can feed insects, birds,
animals and humans;
provide natural medicines for humans and some animals; and aid in a plant's
reproduction by enticing outside pollinators.
Without flowers, plants would merely be green, and the world would be a
duller place.
</p>

</body>
</html>
```

trees.html

```
<!DOCTYPE html>
<html>
<head>
</head>
<body  bgcolor="powderblue">
<h1 style="background-color:yellow;">Trees</h1><br>
<img
src="https://www.brightview.com/sites/default/files/inline-images/Tree%20
Benefits%20-%2002.jpg" width="300" height="300">

<p><i><b>In botany, a tree is a perennial plant with an elongated stem, or
trunk, supporting branches and leaves in most species.
 Trees tend to be long-lived, some reaching several thousand years old.
Trees have been in existence for 370 million years. It is estimated that there are
some three trillion mature trees in the world.</b></i>
</p>
<img
src="https://www.gardeningknowhow.com/wp-content/uploads/2020/12/lon
ely-japanese-cherry.jpg" width="300" height="300">
</body>
</html>
```

SAMPLE OUTPUT:

- Fruits
- Vegetables
- Flowers
- Trees

Select any of the items shown on the left

- Fruits
- Vegetables
- Flowers
- Trees

Vegetables are parts of plants that are consumed by humans or other animals as food. The original meaning is still commonly used and is applied to plants collectively to refer to all edible plant matter, including the flowers, fruits, stems, leaves, roots, and seeds. The alternate

EXPERIMENT NO:6
DATE:10/02/2021

AIM:
Create the following Student Registration Form

SOURCE CODE:

```html
<html>
<head>
<title>Form</title>
</head>
<body>
      <h3 align="center">STUDENT REGISTRATION FORM</h3>

<table border=2 align="center">
<form>
<tr><td>FIRST NAME</td><td><input type="text"/>(max 30
characters)</td> </tr>

<tr><td>LAST NAME  </td><td><input type="text"/>(max 30
characters)</td></tr>

<tr><td>DATE OF BIRTH</td><td><input type="date"/></td></tr>

<tr><td>EMAIL ID</td><td><input type="email"/></td></tr>

<tr><td>MOBILE NUMBER</td><td><input type="tel" min="10"
max="10"/>(10 digit number)</td></tr>

<tr><td>GENDER</td><td>Male<input type="radio"
name="gender">Female<input type="radio" name="gender"></td></tr>

<tr><td>ADDRESS</td><td><textarea rows = "5"></textarea></td></tr>

<tr><td>CITY</td><td><input type="text"/>(max 30 characters)</td></tr>
```

```
<tr><td>PINCODE</td><td><input type="number" min="6" max="6"/>(6
digit number)</td></tr>

<tr><td>STATE</td><td><input type="text" />(max 30
characters)</td></tr>

<tr><td>COUNTRY</td><td><input type="text" value="India"/></td></tr>

<tr><td>HOBBIES</td><td>Drawing<input type = "checkbox">
Singing<input type = "checkbox"> Dancing<input type = "checkbox">
Sketching<input type = "checkbox"><br>Others<input type =
"checkbox"><input type="text"></td></tr>

<tr><td>QUALIFICATION</td><td><table><tr><th>Sl
no</td><th>Examination</td><th>Board</td><th>Percentage</td><th>Yea
r of passing</td></tr>
      <tr><td>1</td><td>Class X</td><td><input
type="text"></td><td><input type="number"></td><td><input
type="number"></td></tr>
      <tr><td>2</td><td>Class XII</td><td><input
type="text"></td><td><input type="number"></td><td><input
type="number"></td></tr>
      <tr><td>3</td><td>Graduation</td><td><input
type="text"></td><td><input type="number"></td><td><input
type="number"></td></tr>
      <tr><td>4</td><td>Masters</td><td><input
type="text"></td><td><input type="number"></td><td><input
type="number"></td></tr>
      <tr><td></td><td></td><td align="center">(10 char max)</td><td
align="center">(upto 2 decimal)</td></tr>
      </table></td></tr>

<tr><td>COURSES APPLIED FOR</td><td>MCA<input type="radio"
name="course">M.Tech<input type="radio" name="course">M.Sc<input
type="radio" name="course">
Ph.D<input type="radio" name="course"></td></tr>
```

```
<tr><td>TYPE YOUR PASSWORD</td><td><input type="Password">(max 30
characters)</td></tr>

<tr><td>UPLOAD YOUR PHOTO</td><td><input type = "file" accept =
"image/*" /></tr>

<tr><td>DATE OF TC</td><td><input type = "date"/></tr>

<tr><td colspan=2 align=center><input type="submit" value="submit">
    <input type="reset" value="Reset"></td></tr>
</form>


</table>
</body>
</html>
```

SAMPLE OUTPUT:

STUDENT REGISTRATION FORM

FIRST NAME		(max 30 characters)
LAST NAME		(max 30 characters)
DATE OF BIRTH	mm/dd/yyyy	
EMAIL ID		
MOBILE NUMBER		(10 digit number)
GENDER	Male ○ Female ○	
ADDRESS		
CITY		(max 30 characters)
PINCODE		(6 digit number)
STATE		(max 30 characters)
COUNTRY	India	
HOBBIES	Drawing □ Singing □ Dancing □ Sketching □ Others □	

QUALIFICATION	Sl no	Examination	Board	Percentage	Year of passing
	1	Class X			
	2	Class XII			
	3	Graduation			
	4	Masters			
			(10 char max)	(upto 2 decimal)	

COURSES APPLIED FOR	MCA ○ M.Tech ○ M.Sc ○ Ph.D ○
TYPE YOUR PASSWORD	(max 30 characters)
UPLOAD YOUR PHOTO	Choose file No file chosen
DATE OF TC	mm/dd/yyyy
	submit Reset

LAB CYCLE 2 : CSS

EXPERIMENT NO:7
DATE:20/03/2021

AIM:
Using Internal style sheets, create a web page showing your biodata, with the following styles:

    a. Put your Name in <h1> tag, center aligned.

    b. Add following via <h2> tags, Personal Details, Educational Details, Hobbies. Put the respective contents below, in list format.

    c. Add contact details at the bottom including mail id and mobile number.

    d. Style all <h1> tags as red colored and center aligned and all <h2> tags as white colored with background color blue.

    e. Display <p> elements with a border

    f. Change the background color of the page to yellow.

SOURCE CODE:

```
<html>
<head>
<style>
body{
      background-color:yellow;
}
h1{
      color:red;
      text-align:center;
}
h2{
      color:white;
```

```
        background-color:blue;
}
p{
        border-style:solid;
}
.fixed
 {
 position: fixed;
 bottom: 10px;
 border: 1px solid #8AC007;
 left: 0;
}

</style>
</head>
<body>
<h1>DHANYA JOSE</h1>

<h2>PERSONAL DETAILS</h2>
<ol type="1">
<li>DATE OF BIRTH:17-01-1999</li>
<li>ADDRESS:Pachapaliyil House,West Eleri PO,Kunnumkai</li>
<li> GENDER:female  </li>
<li>NATIONALITY:Indian</li>
</ol>

<h2>EDUCATIONAL DETAILS</h2>
<ol type="a">
<li>Graduate</li>
<li>Plus two</li>
<li>SSLC</li>
</ol>

<h2>HOBBIES</h2>
<ul type="square">
<li>Reading</li>
<li>Listening Music</li>
```

```
<li>Watching movies</li>
</ul>
<p>I here declere that above given information is best of my knowledge and if it found wrong then my candidature will be illegal.</p><br><br><br><br><br>
<div class="fixed"><h4>Contact details:<br>
Email:dhanyapachapaliyil@gmail.com<br>
phn:9207187862</h4></div>

</body>
</html>
```

SAMPLE OUTPUT:

DHANYA JOSE

PERSONAL DETAILS

1. DATE OF BIRTH:17-01-1999
2. ADDRESS:Pachapaliyil House,West Eleri PO,Kunnumkai
3. GENDER:female
4. NATIONALITY:Indian

EDUCATIONAL DETAILS

a. Graduate
b. Plus two
c. SSLC

HOBBIES

- Reading
- Listening Music
- Watching movies

I here declere that above given information is best of my knowledge and if it found wrong then my candidature will be illegal.

Contact details:
Email:dhanyapachapaliyil@gmail.com
phn:9207187862

EXPERIMENT NO:8
DATE:20/03/2021

AIM:
 Using External Style Sheets, create a web page with following styles:

a. Create different paragraphs defining different selectors in CSS. Each paragraph should define with appropriate labels for making styles of each selector.

b. Style each selector with unique font color, and background color.

SOURCE CODE:

```
<html>
<head>
<title>style</title>
<link rel="stylesheet" href="mystyle.css">
</head>
<body>
<h1>SELECTORS IN CSS</h1>

<p>ELEMENT SELECTOR:<br>
selects html element based on the element name.</p>


<p id="para1">ID SELECTOR:<br>
 The id selector uses the id attribute of an HTML element to select a specific element.
The id of an element is unique within a page, so the id selector is used to select one unique element!
To select an element with a specific id, write a hash (#) character, followed by the id of the element.</p>

<p class="center">CLASS SELECTOR:<br>
The class selector selects HTML elements with a specific class attribute.
```

To select elements with a specific class, write a period (.) character, followed by the class name.
</p>
<p id="para">UNIVERSAL SELECTOR:
The universal selector (*) selects all HTML elements on the page.</p>

<h4>GROUPING SELECTOR:
The grouping selector selects all the HTML elements with the same style definitions.</h4>
<h5>these are the five selectors in css</h5>
</body>
</html>

mystyle.css

h1 {
  color: navy;
  text-align: center;
  font-family: "Times New Roman", Times, serif;
}
p{
text-align:left;
color:red;
font:sans-serif;
background-color:yellow;
font-family: "Lucida Console", "Courier New", monospace;
}

#para1{
text-align:left;
background-color:blue;
color:white;
font-family:Georgia;
}

```css
.center{
text-align:left;
color:magenta;
background-color:brown;
}


*{
text-align:left;
background-color:violet;

}

h5,h4{
text-align:left;
color:purple;
background-color:white;
font-family:Courier New;
}
```

SAMPLE OUTPUT:

SELECTORS IN CSS

ELEMENT SELECTOR:
selects html element based on the element name.

ID SELECTOR:
The id selector uses the id attribute of an HTML element to select a specific element. The id of an element is unique within a page, so the id selector is used to select one unique element! To select an element with a specific id, write a hash (#) character, followed by the id of the element.

CLASS SELECTOR:
The class selector selects HTML elements with a specific class attribute. To select elements with a specific class, write a period (.) character, followed by the class name.

UNIVERSAL SELECTOR:
The universal selector (*) selects all HTML elements on the page.

GROUPING SELECTOR:
The grouping selector selects all the HTML elements with the same style definitions.

these are the five selectors in css

LAB CYCLE : javascript

EXPERIMENT NO:9
DATE:19/03/2021

AIM:
 Develop a web application using JavaScript to change the background color of the webpage when the following events of the button "change background color" occur. [Hint: use addEventListener Method]

a. Double click – background color changed to green.

b. Single click – background color changed to red.

SOURCE CODE:

```html
<html>
<head>
  <style>

    button
      {

         margin:auto;
         display:flex;
      }
      h2,p
      {
      text-align: center;
      }
    </style>
</head>
<body>
  <h2>CHANGE BACKGROUND COLOR</h2><br>
  <button>Change Background Color</button><br><br>
```

```
  <p>Double click – background color changed to GREEN!!</p>
  <p>Single click – background color changed to RED!!</p>

    <script>
      var button = document.querySelector("button");
      button.addEventListener("click", red);
      button.addEventListener("dblclick", green);

      function red(){
        document.body.style.backgroundColor = "red";
      };
      function green(){
        document.body.style.backgroundColor = "green";
      };

    </script>

</body>
</html>
```

SAMPLE OUTPUT:

CHANGE BACKGROUND COLOR

[Change Background Color]

Double click – background color changed to GREEN!!

Single click – background color changed to RED!!

CHANGE BACKGROUND COLOR

[Change Background Color]

Double click – background color changed to GREEN!!

Single click – background color changed to RED!!

CHANGE BACKGROUND COLOR

Change Background Color

Double click – background color changed to GREEN!!

Single click – background color changed to RED!!

EXPERIMENT NO:10
DATE:19/03/2021

AIM:
Create a web application using JavaScript to turn on / off the given light bulb.

Hints: change the 'src' attribute of the image tag when clicking buttons.
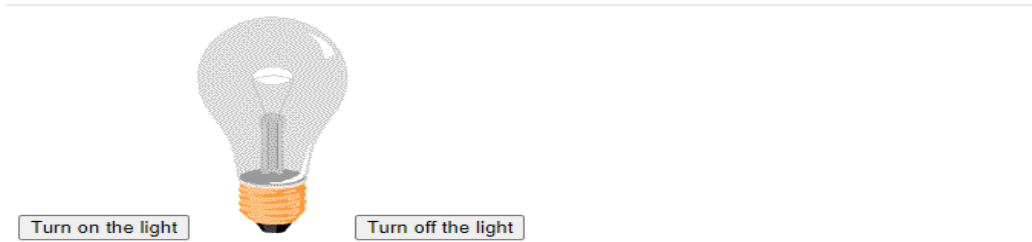
SOURCE CODE:

```
<!DOCTYPE html>
<html>
<body>
<script>
function light(sw) {
 var pic;
 if (sw == 0) {
   pic
="https://d14nx13ylsx7x8.cloudfront.net/lesson_image_blocks/assets/000/0
01/412/original/pic_bulboff.gif";
 } else {
   pic =
"https://d14nx13ylsx7x8.cloudfront.net/lesson_image_blocks/assets/000/00
1/413/original/pic_bulbon.gif";
 }
 document.getElementById('myImage').src = pic;
}
</script>

<button type="button" onclick="light(1)">Turn on the light</button>
<img id="myImage"
src="https://d14nx13ylsx7x8.cloudfront.net/lesson_image_blocks/assets/00
0/001/412/original/pic_bulboff.gif" width="100" height="180">
<button type="button" onclick="light(0)">Turn off the light</button>
```

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

SAMPLE OUTPUT:

LAB CYCLE : PHP

EXPERIMENT NO:11
DATE:19/03/2021

AIM:

Write a PHP program to check whether the given number is odd or even. [Hint: Number should be read using Textbox, Use GET Method

SOURCE CODE:

phpform1.1.php

```
<html>

<body>

<form action="php1.1.php" method="get">

Enter a Number:<input type="text" name="number"><br>

<input type="submit">

</form>

</body>

</html>
```

php1.1.php

```
<html>
<body>
    <?php
    $num=$_GET["number"];
    if($num%2==0)
    echo "$num is even";
    else
    echo "$num is odd";
    ?>
</body>
</html>
```

SAMPLE OUTPUT:

Enter a Number: [100]
Submit

::: Apps   M Gmail   ▶ YouTube   📍 Maps

100 is even

EXPERIMENT NO:12

DATE:19/03/2021

AIM:

Write a PHP program to print the factorial of a number [Hint: use for loop, Number should be read using Textbox, Use POST Method]

SOURCE CODE:

phpform1.2.php

```
<html>
<body>
        <h3>FACTORIAL OF A NUMBER</h3>h3><br>
        <form action="php1.2.php" method="post">
                Enter a Number:<input type="text" name="number"><br>
                <input type="submit">
        </form>
</body>
</html>
```

php1.2.php

```
<html>
<body>
    <?php
    $f=1;
    $num=$_POST["number"];
    for($i=$num;$i>0;$i--)
    $f=$f+$i;
    echo "Factorial of $num is &f";
    ?>
</body>
</html>
```

SAMPLE OUTPUT:

FACTORIAL OF A NUMBER

Enter a Number: 5
Submit

⚏ Apps   M Gmail   ▶ YouTube   📍 Maps

Factorial of 5 is 120

EXPERIMENT NO:13
DATE:19/03/2021

AIM:

Develop a PHP web application for reading details of a student such as Name, Email Id, Address, Gender, Date of Birth etc and display details when submit button is pressed. [Use $_REQUEST variable: The $_REQUEST variable is a superglobal variable, which can hold the content of both $_GET and $_POST variable.

SOURCE CODE:

phpform1.3.php

```
<html>
<body>
     <h3>STUDENT REGISTRATION FORM</h3>
     <form id="student" acton="php1.3.php" method="post">
          Name:<input type="text" name="name"><br>
          Email ID:<input type="text" name="email"><br>
          Address:<input type="text" name="address"><br>
          Gender:<input type="text" name="gender"><br>
          Date Of Birth:<input type="text" name="dob"><br>
          <input type="submit">
     </form>
</body>
</html>
```

php1.3.php

```
<html>
<body>
     <?php
     echo "STUDENT DETAILS";
     $method=$_SERVER["REQUEST_METHOD"] == "POST";
     $name=$_REQUEST["name"];
     echo"<br>Name :$name";
     $email=$_REQUEST["email"];
     echo"<br>Email ID :$email";
     $gender=$_REQUEST["gender"];
     echo"<br>Gender :$gender";
     $address=$_REQUEST["address"];
     echo"<br>Address :$address";
     $dob=$_REQUEST["dob"];
     echo"<br>Date Of Birth :$dob";
     ?>
</body>
</html>
```

SAMPLE OUTPUT:

STUDENT REGISTRATION FORM

Name: [DHANYA JOSE]
Email ID: [dhanyapachapaliyil@gmail.c]
Address: [PACHAPALIYIL HOUSE,WE]
Gender: [Female]
Date Of Birth: [17-01-1999]
[Submit]

STUDENT DETAILS
Name:DHANYA JOSE
Email ID:dhanyapachapaliyil@gmail.com
Gender:Female
Address:PACHAPALIYIL HOUSE
Date Of Birth:17-01-1999

EXPERIMENT NO:14
DATE:19/03/2021

AIM:

Using PHP and MySQL, develop a program to accept book information such as
book_no (primary key), title, edition and publisher from a web page and store
the
information in a table named 'book_details'. Also display the details of all
books
using a HTML Table.

SOURCE CODE:

Php1.4-table.php


```
<html>
<head>
<title>Book details</title>
<body>
<h1 align="center">BOOK DETAILS</h1>
<center>
<form method="POST" action="php1.4_details.php">
<table>
<tr>
    <td>Book No</td><td><input type="text" name="bno"></td>
</tr>
<tr>
    <td>Book Name</td><td><input type="text" name="bname"></td>
</tr>
<tr>
    <td>Edition</td><td><input type="text" name="edtn"></td>
</tr>
```

```
<tr>
    <td>Publisher</td><td><input type="text" name="publ"></td>
</tr>
<tr>
    <td colspan="2" align="center"><input type="submit"
value="Submit"></td>
</tr>
</table>
</form>
</center>
</body>
</html>
```

php1.4   details.php

```php
<?php
    $sname="117.232.108.36";
    $uname="mca2033";
    $pswd="password33";
    $dbname="dbmca2033";
    //connection
    $conn=new mysqli($sname,$uname,$pswd,$dbname);
    //check connection
    if($conn->connect_error){
        die("Connection failed: ">$conn->connect_error);
    }

    $bno=$_POST['bno'];
    $bname=$_POST['bname'];
    $edtn=$_POST['edtn'];
    $publ=$_POST['publ'];
    $sql=mysqli_query($conn,"insert into book_details
values($bno,'$bname','$edtn','$publ')");
    $query=mysqli_query($conn,"select * from book_details");
```

```php
?>
<html>
<body>
<h1>Book Details</h1>
<table border="2">
<tr>
    <th>Book No</th>
    <th>Book Name</th>
    <th>Edition</th>
    <th>Publisher</th>
</tr>
<?php
    while($row=mysqli_fetch_assoc($query))
    {
        echo "<tr>";
        echo "<td>".$row['book_no']."</td>";
        echo "<td>".$row['title']."</td>";
        echo "<td>".$row['edition']."</td>";
        echo "<td>".$row['publisher']."</td>";
        echo "</tr>";
    }
?>
</table>
</body>
</html>
```

SAMPLE OUTPUT:

.232.108.36/2020/mca2033/php1.4_table.php

Maps

BOOK DETAILS

Book No	113
Book Name	Mist
Edition	2
Publisher	Rose

Submit

Apps   M Gmail   ▶ YouTube   ◉ Maps

Book Details

Book No	Book Name	Edition	Publisher
112	alchemist	1	paulo koylo
113	Mist	2	Rose

EXPERIMENT NO:15
DATE:19/03/2021

AIM:

Create a Login form using PHP. The user is first served a login page which takes
username and password .After submitting the details the server checks these values
against the data from a database and takes the following decisions:
a) If username and password matches, user must be redirected to a welcome page
displaying a welcome message for user. [Use Session variable]
b) If username matches and password doesn't match then display the message
"Incorrect password".
c) If password matches and username doesn't match then display the message
"Incorrect username".

SOURCE CODE:

php1.5_login.php


```
<html>
<head>
<title>Login Form</title>
</head>
<body>
<h1 align=center>Sign Up </h1>
<center>
<form method="POST" action="php1.5-2.php">
<table>
<tr>
```

```html
    <td>User Name </td><td><input type="text" name="usr"></td>
</tr>
<tr>
    <td>Passward </td><td><input type="password" name="pswd"></td>
<tr>
<tr>
    <td colspan="2" align="center"><input type="submit" name="btn"
value="Log in"></td>
<tr>
</table>
</form>
</center>
</body>
</html>
```

php1.5   welcome.php

```php
<?php
session_start();
$user=$_SESSION['login_user'];
?>
<html>
<body>

<h1 align="center">WELCOME</h1>
<h1 align="center"><?php echo $user; ?></h1>

</body>
</html>
```

Php1.5-1.php

```php
<?php
    session_start();
?>
<html>
<head>
<title>Login Form</title>
</head>
<body>
<h1 align=center>Log in </h1>
<center>
<form method="POST" action="php1.5-2.php">
<table>
<tr>
    <td>User Name </td><td><input type="text" name="usr"></td>
</tr>
<tr>
    <td>Passward </td><td><input type="password" name="pswd"></td>
<tr>
<tr>
    <td colspan="2" align="center"><input type="Submit" name="submit"
value="Log in"></td>
<tr>
</table>
</form>
</center>
<a href="php1.5_login.php">Set User name & Passward</a>
</body>
</html>
```

php1.5-2.php

```php
<?php
    session_start();
    $sname="117.232.108.36";
    $uname="mca2033";
    $pswd="password33";
    $dbname="dbmca2033";
    //connection
    $conn=new mysqli($sname,$uname,$pswd,$dbname);
    //check connection
    if($conn->connect_error){
        die("Connection failed: ">$conn->connect_error);
    }

if(isset($_POST['btn']))
{
    $usr=$_POST['usr'];
    $pswd=$_POST['pswd'];

    $sql=mysqli_query($conn,"select * from login where username='$usr'");

    if(mysqli_num_rows($sql)>0)
    {
        echo "<script>alert('username already Exists!!!!!!!!!!!!');</script>";
        echo '<script type="text/javascript">
            location.replace("php1.5-1.php");
            </script>';
    }
    else
    {

        if(mysqli_query($conn,"insert into login values('$usr','$pswd')"))
        {
            echo "<script>alert('Login........');</script>";
            echo '<script type="text/javascript">
```

```php
            location.replace("php1.5-1.php");
            </script>';
        }
    }
}
if(isset($_POST['submit']))
{
    $usr=$_POST['usr'];
    $pswd=$_POST['pswd'];
    $sql=mysqli_query($conn,"select * from login where username='$usr'
and password='$pswd'");

    if(mysqli_num_rows($sql)>0)
    {
        $_SESSION['login_user'] = $usr;

        header("location: php1.5_welcome.php");
    }
    else
    {
        echo "<script>alert('Incorrect Username and
Password!!!!!!!!!!!!');</script>";
        echo '<script type="text/javascript">
        location.replace("php1.5-1.php");
        </script>';
    }

$sql=mysqli_query($conn,"select * from login where password='$pswd'");
    if(mysqli_num_rows($sql)>0)
    {
        echo "<script>alert('Incorrect Username!!!!!!!!!!!!');</script>";
        echo '<script type="text/javascript">
        location.replace("php1.5-1.php");
        </script>';
    }
    else
    {
```
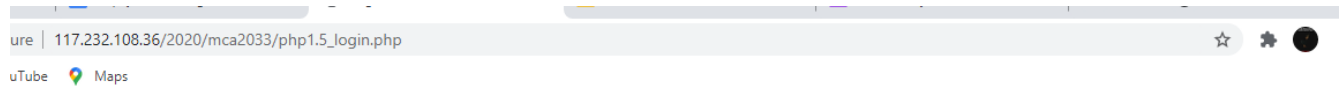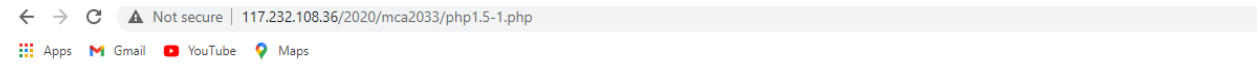
```php
        $sql=mysqli_query($conn,"select * from login where
username='$usr'");
        if(mysqli_num_rows($sql)>0)
        {
            echo "<script>alert('Incorrect Password!!!!!!!!!!!!');</script>";
            echo '<script type="text/javascript">
            location.replace("php1.5-1.php");
            </script>';
        }
    }

}
?>
```
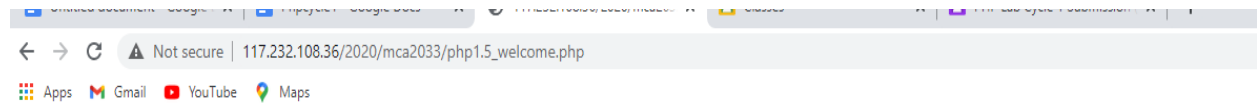
SAMPLE OUTPUT:

Sign Up

User Name dhanya jose
Passward   ·······
           Log in

Log in

User Name dhanya jose
Passward   ······
           Log in

Set User name & Passward

WELCOME

dhanya jose

LAB CYCLE - MySQL

EXPERIMENT NO:16
DATE:14/02/2021

AIM:

1. Create a database 'Company' with the following tables:

Table Name: Department

Attributes	Datatype	Constraints
Deptid	integer	Primary Key
Deptname	Varchar2	Not Null, Unique

Table Name: Employees

Attributes	Datatype	Constraints
Empid	integer	Primary Key
Ename	Varchar2	Not Null
Deptid	integer	Foreign Key reference to the column 'Deptid' of the table Department, on delete cascade, on update cascade

Create database company;

Create table Department(Deptid int , Deptname varchar (50) NOT NULL,UNIQUE(Deptname),PRIMARY KEY (Deptid));

Create table Employees(Emptid int PRIMARY KEY,Ename varchar(50) NOT NULL UNIQUE , Deptid int ,FOREIGN KEY (Deptid) REFERENCES Department(Deptid));

2. Add an attribute 'emailid' of data type 'varchar' with size 40, salary of data type integer and remarks of data type varchar with size 45 to the Employee Table.

ALTER table Employees ADD(emailid varchar(40), salary int , remarks varchar(45));

3. Add unique constraint to the attribute 'emailid'.

Alter table employees add unique(emailid);

4. Add an attribute salary of data type integer with a constraint that salary never falls below 5000.

ALTER table Employees MODIFY salary int CHECK (salary>=5000);

5. Drop 'remarks' attribute from the table Employee.

 ALTER table Employees DROP remarks;

6. Describe the Department and Employee tables.

 Desc department;

```
+----------+-------------+------+-----+---------+-------+
| Field | Type | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| Deptid | int(11) | NO | PRI | NULL | |
| Deptname | varchar(50) | NO | UNI | NULL | |
+----------+-------------+------+-----+---------+-------+
```

Desc employees;

```
+---------+-------------+------+-----+---------+-------+
| Field | Type | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| Emptid | int(11) | NO | PRI | NULL | |
| Ename | varchar(50) | NO | UNI | NULL | |
| Deptid | int(11) | YES | MUL | NULL | |
| emailid | varchar(40) | YES | UNI | NULL | |
| salary | int(11) | YES | | NULL | |
+---------+-------------+------+-----+---------+-------+
```

7. Insert at least 5 tuples to Department and Employee tables.

Insert into department values(101,'mca');

Insert into department values(102,'physics');

Insert into department values(103,'microbiology');

Insert into department values(201,'civil engineering');

Insert into department values(104,'computer science');

Insert into department values(105,'bcom');

Insert into employees values(1221,'amala',101,'amala11@gmail.com',20000);

Insert into employees

values(1222,'aleena',102,'aleenamj@gmail.com',19000); Insert into

employees values(1331,'athulya',103,'athul@gmail.com',50000); Insert into

employees values(1231,'jeena',101,'jeena@gmail.com',13000); Insert into

employees values(1332,'jacob',105,'jacob@gmail.com',20000);

8. Retrieve the entire contents of the Department and Employee tables.

Select * from department;

```
+--------+-------------------+
| Deptid | Deptname |
+--------+-------------------+
| 105 | bcom |
| 201 | civil engineering |
| 104 | computer science |
| 101 | mca |
| 103 | microbiology |
| 102 | physics |
+--------+-------------------+
```

Select * from employees;

```
+--------+---------+--------+--------------------+--------+
| Emptid | Ename | Deptid | emailid | salary |
+--------+---------+--------+--------------------+--------+
| 1221 | amala | 101 | amala11@gmail.com | 20000 |
| 1222 | aleena | 102 | aleenamj@gmail.com | 19000 |
| 1231 | jeena | 101 | jeena@gmail.com | 13000 |
| 1331 | athulya | 103 | athul@gmail.com | 50000 |
| 1332 | jacob | 105 | jacob@gmail.com | 20000 |
+--------+---------+--------+--------------------+--------+
```

9. Find out the name of the Employees in the Department with Deptid 101.

Select Ename from employees where Deptid=101;

```
+-------+
| Ename |
+-------+
| amala |
| jeena |
+-------+
```

10. Display the name and salary of all Employees.

Select Ename ,salary from employees ;

```
+---------+--------+
| Ename | salary |
+---------+--------+
| amala | 20000 |
| aleena | 19000 |
| jeena | 13000 |
| athulya | 50000 |
| jacob | 20000 |
+---------+--------+
```

11. Update the salary of the employee with employee id '1221' to Rs. 50000.

 Update Employees set salary=50000 where Emptid=1221;

12. Delete the details of employee with employee id '1331'.

Delete from Employees where Emptid=1331;

13. Find the name of employees who has a salary equal to Rs.13000.

Select Ename from Employees where salary=13000;

```
+-------+
| Ename |
+-------+
| jeena |
+-------+
```

14. Delete the department with Deptid '201'.

Delete from department where deptid=201;

15.Display the details of employees in the ascending order of their salary.

Select * from Employees ORDER BY salary asc;

```
+--------+--------+--------+--------------------+--------+
| Emptid | Ename | Deptid | emailid | salary |
+--------+--------+--------+----------------
---+--------+ | 1231 | jeena | 101 | jeena@gmail.com |
13000 | | 1222 | aleena | 102 | aleenamj@gmail.com |
19000 | | 1332 | jacob | 105 | jacob@gmail.com | 20000 | |
1221 | amala | 101 | amala11@gmail.com | 50000 |
+--------+--------+--------+----------------
---+--------+
```