

SACRED HEART COLLEGE (AUTONOMOUS), THEVARA



BSc COMPUTER APPLICATIONS

PRACTICAL RECORD

Register No. _____ **Name:** _____

Class: 2nd BSc CA **Year:** 2023-24

Certified that this is a bonafide record of practical work done in **Advanced Web Technology** of BSc Computer Applications during the period 2023-24.

External Examiner: _____ **Internal Examiner:** _____

Submitted for the End Semester Practical Examination held on _____.

(Office Seal)

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1 Simple Html Page

1.1 Aim

- Design a webpage for your department.
- Utilize paragraphs and lists.
- Create links of the words Wifi and LAN to their respective wikipedia pages
- Insert an image that redirects to the college website
- Change the background color and create a link at the bottom to return to the top

1.2 Code

```
<!DOCTYPE html>
<html>
  <head>
    <title>
      Simple Html Page
    </title>
    <style>
      body {
        font-family: Arial, Helvetica, sans-serif;
        background: #eff1f5;
        color: #4c4f69;
        font-size: 1.3em;
      }
      body::-webkit-scrollbar { display: none; }
      .container {
        display: flex;
        flex-direction: column;
        justify-content: center;
        align-items: center;
        background-color: #e6e9ef;
        border-radius: 8px;
        padding: 0.5em;
        gap: 3px;
      }
      .dark {
        background-color: #dce0e8;
      }
      a {
        color: #dc8a78;
      }
      #college-img {
        background-image: url('https://www.shcollege.ac.in/wp-content/uploads/2020/11/
          ↵ /mc-scaled.jpg');
        background-repeat: no-repeat;
        background-position: center;
        width: 90vw;
        height: 50vh;
        border-radius: inherit;
      }
      li {
        margin-right: 0.9em;
      }
    </style>
```

```

</head>
<body>
  <a id="top"></a>
  <div class="container">
    <h1>
      <u>The Computer Science Department</u>
    </h1>
    <p style="width: 80%; text-align: center;">
      The <b>Computer Science Department</b> of Sacred Heart College, Thevara was
      → established in 2001.
      And since have molded industry leading professionals. Orientations are held
      → periodically to discuss advancements and
      rising trends in the field enabling understanding of cutting-edge
      → technologies. Students are provided with campus wide
      <a href="https://en.wikipedia.org/wiki/Wi-Fi">Wi-Fi</a> available to their
      → portable devices and Computer Systems
      constituting a <a
      → href="https://en.wikipedia.org/wiki/Local_area_network">Local Area
      → Network</a>
    </p>
    <p style="font-weight: 550;">
      The Department offers the following programs:
      <div class="container dark">
        <ul>
          <li><b>B.Sc. Computer Applications</b> (Triple Main incl. Mathematics &
          → Statistics)</li>
          <li><b>B. Computer Applications</b> (BCA: Mobile Applications and Cloud
          → technologies)</li>
          <li><b>M. Sc. Integrated Computer Science</b> (Data Science)</li>
        </ul>
      </div>
    </p>
    <a id="college-img" href="https://www.shcollege.ac.in/">
    </a>
    <a href="#top" style="margin-top: 10px;">Back to top</a>
  </div>
</body>
</html>

```

1.3 Output

The Computer Science Department

The **Computer Science Department** of Sacred Heart College, Thevara was established in 2001. And since have molded industry leading professionals. Orientations are held periodically to discuss advancements and rising trends in the field enabling understanding of cutting-edge technologies. Students are provided with campus wide **Wi-Fi** available to their portable devices and Computer Systems constituting a [Local Area Network](#)

The Department offers the following programs:

- **B.Sc. Computer Applications** (Triple Main incl. Mathematics & Statistics)
- **B. Computer Applications** (BCA: Mobile Applications and Cloud technologies)
- **M. Sc. Integrated Computer Science** (Data Science)



[Back to top](#)

2 Time Table

2.1 Aim

- Design the class time table in HTML using table tag

2.2 Code

```
<!DOCTYPE html>
<html>
  <head>
    <title>
      time table
    </title>
    <style>
      :root { --flamingo: #dd7878; }
      body {
        font-family: Arial, Helvetica, sans-serif;
        color: #4c4f69;
        font-size: 1.3em;
      }
      table {
        overflow: none;
        border-collapse: collapse;
        border-color: var(--flamingo);
      }
      th, td, tr {
        padding: 10px;
        border-top: solid;
        border-left: solid;
        border-right: solid;
        border-width: 2px;
      }
      tr, td {
        border-bottom: solid;
        text-align: center;
        border-color: inherit;
        color: var(--flamingo);
      }
      .flamingo {
        background-color: var(--flamingo);
        color: snow;
      }
      .center {
        width: 100%;
        height: 98vh;
        display: flex;
        flex-direction: column;
        justify-content: center;
        align-items: center;
      }
      .down {
        writing-mode: vertical-lr;
        text-orientation: upright;
        font-size: 1.4em;
        letter-spacing: 8px;
        color: snow;
        background-color: var(--flamingo);
      }
    </style>
  </head>
  <body>
    <table>
      <thead>
        <tr>
          <th>Subject</th>
          <th>Day</th>
          <th>Time</th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <td>Mathematics</td>
          <td>Monday</td>
          <td>9:00 AM - 10:00 AM</td>
        </tr>
        <tr>
          <td>Science</td>
          <td>Tuesday</td>
          <td>10:00 AM - 11:00 AM</td>
        </tr>
        <tr>
          <td>English</td>
          <td>Wednesday</td>
          <td>11:00 AM - 12:00 PM</td>
        </tr>
        <tr>
          <td>History</td>
          <td>Thursday</td>
          <td>12:00 PM - 1:00 PM</td>
        </tr>
        <tr>
          <td>Social Studies</td>
          <td>Friday</td>
          <td>1:00 PM - 2:00 PM</td>
        </tr>
      </tbody>
    </table>
  </body>
</html>
```

```

        }
    </style>
</head>
<body>
<div class="center">
    <table>
        <th colspan="7"> B.Sc. Computer Application S4</th>
        <tr>
            <td class="flamingo">Monday</td>
            <td>Differential</td>
            <td>DBMS</td>
            <td>AWT</td>
            <td rowspan="5" class="down">BREAK</td>
            <td>Stat</td>
            <td>Sampling</td>
        </tr>
        <tr>
            <td class="flamingo">Tuesday</td>
            <td>Sampling</td>
            <td>Differential</td>
            <td>Sampling</td>
            <td>AWT</td>
            <td>Stat</td>
        </tr>
        <tr>
            <td class="flamingo">Wednesday</td>
            <td>Stat</td>
            <td>DBMS</td>
            <td>AWT</td>
            <td>Sampling</td>
            <td>Sampling</td>
        </tr>
        <tr>
            <td class="flamingo">Thursday</td>
            <td>Differential</td>
            <td>Differential</td>
            <td>DBMS</td>
            <td>Stat</td>
            <td>AWT</td>
        </tr>
        <tr>
            <td class="flamingo">Friday</td>
            <td>Stat</td>
            <td>DBMS</td>
            <td>Differential</td>
            <td>LAB</td>
            <td>LAB</td>
        </tr>
    </table>
</div>
</body>
</html>

```

2.3 Output

B.Sc. Computer Application S4						
Monday	Differential	DBMS	AWT	B R E A K	Stat	Sampling
	Sampling	Differential	Sampling		AWT	Stat
	Stat	DBMS	AWT		Sampling	Sampling
	Differential	Differential	DBMS		Stat	AWT
	Stat	DBMS	Differential		LAB	LAB

3 CSS

3.1 Aim

- utilize inline css for appending styles to html elements
- utilize an external css stylesheet

3.2 Code

```
<!DOCTYPE html>
<html>
  <head>
    <title>
      Cascading Style Sheets
    </title>
    <link rel="stylesheet" href="styles.css">
  </head>
  <body>
    <div class="container">
      <h1 style="color: #dc8a78;"> <u>Cats are the best</u> </h1>
      <p class="rose">
        Cats, with their enigmatic grace and independent spirit, have captivated human
        ↳ hearts for millennia. Their slender
        bodies adorned with sleek fur, often in a myriad of colors and patterns, exude
        ↳ elegance and agility. From the regal
        posture of a Siamese to the fluffy charm of a Maine Coon, each breed carries
        ↳ its own unique allure. Their eyes, like
        orbs of liquid gold or emerald pools, reflect an intelligence and curiosity
        ↳ that seem to pierce through the soul,
        hinting at the depths of their mysterious nature.
        
      </p>
      <p class="pink">
        
        Beyond their physical beauty, cats possess a remarkable array of behaviors and
        ↳ characteristics that further endear them
        to humans. Their unparalleled agility and reflexes make them formidable
        ↳ hunters, capable of executing acrobatic feats
        with precision and stealth. Yet, juxtaposed with this predatory prowess is
        ↳ their gentle and affectionate side. Cats have
        an innate ability to form deep bonds with their human companions, often
        ↳ displaying acts of loyalty and companionship
        that defy their reputation for aloofness.
      </p>
      <p class="lavender">
        One of the most fascinating aspects of cats is their complex communication
        ↳ system. From the subtle twitch of an ear to
        the melodious purr of contentment, they have mastered the art of conveying
        ↳ their emotions without uttering a single
        word. Their repertoire of vocalizations, ranging from plaintive meows to
        ↳ thunderous yowls, serves as a means of
        expressing desires, seeking attention, or issuing warnings. Furthermore, their
        ↳ body language, including tail flicks,
```

```

kneading paws, and arched backs, provides additional insight into their mood
↳ and intentions.

</p>
<p class="maroon">

In addition to their charm and charisma, cats also offer a plethora of
↳ benefits to their human counterparts. Numerous
studies have highlighted the positive impact of cat ownership on mental
↳ health, with their soothing presence and
affectionate companionship serving as sources of comfort and stress relief.
↳ Furthermore, their playful antics and
inquisitive nature bring joy and laughter into the lives of their owners,
↳ fostering a sense of happiness and well-being.
Whether curled up contentedly in a sunbeam or engaged in a spirited game of
↳ chase, cats have a remarkable ability to
enrich the lives of those fortunate enough to share their company.
</p>
</div>
</body>
</html>

```

external stylesheet

```

body {
  font-family: Arial, Helvetica, sans-serif;
  font-size: 1.3em;
}
body::-webkit-scrollbar { display: none; }

.container {
  display: flex;
  flex-direction: column;
  justify-content: center;
  align-items: center;
  padding: 50px;
  gap: 15px;
}
p {
  all: unset;
  border-radius: 8px;
  display: flex;
  align-items: center;
  padding: 10px;
  gap: 15px;
}
.rose {
  box-shadow: 5px 6px 5px #dc8a78;
}
.pink {
  box-shadow: 5px 6px 5px #ea76cb;
}
.lavender {
  box-shadow: 5px 6px 5px #7287fd;
}

```

```
}

.maroon {
  box-shadow: 5px 6px 5px #e64553;
}
```

3.3 Output

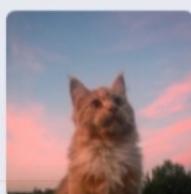
Cats are the best

Cats, with their enigmatic grace and independent spirit, have captivated human hearts for millennia. Their slender bodies adorned with sleek fur, often in a myriad of colors and patterns, exude elegance and agility. From the regal posture of a Siamese to the fluffy charm of a Maine Coon, each breed carries its own unique allure. Their eyes, like orbs of liquid gold or emerald pools, reflect an intelligence and curiosity that seem to pierce through the soul, hinting at the depths of their mysterious nature.



Beyond their physical beauty, cats possess a remarkable array of behaviors and characteristics that further endear them to humans. Their unparalleled agility and reflexes make them formidable hunters, capable of executing acrobatic feats with precision and stealth. Yet, juxtaposed with this predatory prowess is their gentle and affectionate side. Cats have an innate ability to form deep bonds with their human companions, often displaying acts of loyalty and companionship that defy their reputation for aloofness.

One of the most fascinating aspects of cats is their complex communication system. From the subtle twitch of an ear to the melodious purr of contentment, they have mastered the art of conveying their emotions without uttering a single word. Their repertoire of vocalizations, ranging from plaintive meows to thunderous yowls, serves as a means of expressing desires, seeking attention, or issuing warnings. Furthermore, their body language, including tail flicks, kneading paws, and arched backs, provides additional insight into their mood and intentions.



In addition to their charm and charisma, cats also offer a plethora of benefits to their human counterparts. Numerous studies have highlighted the positive impact of cat ownership on mental health, with their soothing presence and affectionate companionship serving as sources of comfort and stress relief. Furthermore, their playful antics and inquisitive nature bring joy and laughter into the lives of their owners, fostering a sense of happiness and well-being. Whether curled up contentedly in a sunbeam or engaged in a spirited game of chase, cats have a remarkable ability to enrich the lives of those fortunate enough to share their company.

4 Form

4.1 aim

- Create a simple form
- with fields name age address etc.
- include radio buttons checkboxes and a password field

4.2 Code

```
<html>

<head>
    <title>Form</title>
</head>

<body>
<section>
    <h1> Form </h1>
    <form>
        <div>
            Full name:
            <input type="text" name="fullname" />
        </div>

        <div>
            Gender: <p>
            <div>
                <input type="radio" name="gender" value="male">male</input>
                <input type="radio" name="gender" value="female">female</input>
                <input type="radio" name="gender" value="other">other</input>
            </div>
        </div>

        <div>
            Date of Birth:
            <input type="date" name="dob" />
        </div>

        <div>
            Address:
            <input type="text" name="address" />
        </div>

        <div>
            Favourite Language:
            <input type="checkbox" name="sub" value="Java">Java</input>
            <input type="checkbox" name="sub" value="PHP">C</input>
            <input type="checkbox" name="sub" value="Rust">Rust</input>
        </div>

        <div>
            Favourite Singer:
            <input type="text" name="singer" />
        </div>

        <div>
```

```
Favourite Movie:  
  <input type="text" name="movie" />  
</div>  
  
<div>  
  Email Id:  
  <input type="email" name="email" />  
</div>  
  
<div>  
  Password:  
  <input type="password" name="pasw" />  
</div>  
  
  <input type="submit" value="Submit">  
</form>  
</section>  
</body>  
  
</html>
```

4.3 Output

Form

Full name:	Abijit
Gender:	<input checked="" type="radio"/> male <input type="radio"/> female <input type="radio"/> other
Date of Birth:	11/05/2004 <input type="button" value="..."/>
Address:	Kaloor
Favourite Language:	<input type="checkbox"/> Java <input type="checkbox"/> C <input checked="" type="checkbox"/> Rust
Favourite Singer:	Somebody that I Know
Favourite Movie:	One Piece
Email Id:	abiabi@gmail.com
Password:	*****
<input type="button" value="Submit"/>	

5 Semester Re-registration Webpage

5.1 Aim

- Design a form with the following entries
- Enrolment No.
- Regional Centre Code (Drop-down)
- Study Centre Code (Drop-down)
- Semester (Drop-down)
- Email Id

5.2 Code

```
<html>

<head>
    <title>Re-registration Form</title>
</head>

<body>
    <section>
        <h1>Semester Re-register</h1>
        <form>
            <div>
                Enrollment number:
                <input type="text" required>
            </div>
            <div>
                Regional centre code:
                <select name="rcc" required>
                    <option value="1001">1001</option>
                    <option value="1002">1002</option>
                    <option value="1003">1003</option>
                </select>
            </div>
            <div>
                Study centre code:
                <select name="scc" required>
                    <option value="s1">s1</option>
                    <option value="s2">s2</option>
                    <option value="s3">s3</option>
                </select>
            </div>
            <div>
                Semester:
                <select name="semester" required>
                    <option value=1>1</option>
                    <option value=2>2</option>
                    <option value=3>3</option>
                </select>
            </div>
        </form>
    </section>
</body>
```

```
Email-id:  
    <input type="email" required>  
  </div>  
  <input type="submit" />  
</form>  
</section>  
</body>  
  
</html>
```

5.3 Output

Semester Re-register

Enrollment number:

Regional centre code:

Study centre code:

Semester:

Email-id:

6 Profit or Loss

6.1 Aim

- Write a JavaScript solution for the following
- Accept the cost price and selling price with a button
- Create a button to calculate the loss or profit and display it

6.2 Code

```
<!DOCTYPE html>
<html>

<head>
    <title>Profit Calculator</title>
</head>

<body>
    <section>
        <h1>Profit Calculator</h1>
        <div>
            <div>
                <button type="button" onclick="get()">
                    Input
                </button>
                <button type="button" onclick=profit()>
                    Output
                </button>
            </div>
            <p id="output"></p>
        </div>
    </section>
    <script>
        var profit_amt = 0;
        var sell_price = 0;
        var cost_price = 0;

        function profit() {
            profit_amt = ((sell_price - cost_price) / cost_price) * 100;
            let result = "";
            if (profit_amt > 0) {
                result = "Your profit is " + profit_amt + "%"
            } else {
                result = "Your loss is " + profit_amt + "%"
            }
            document.getElementById("output").innerHTML = result;
        }

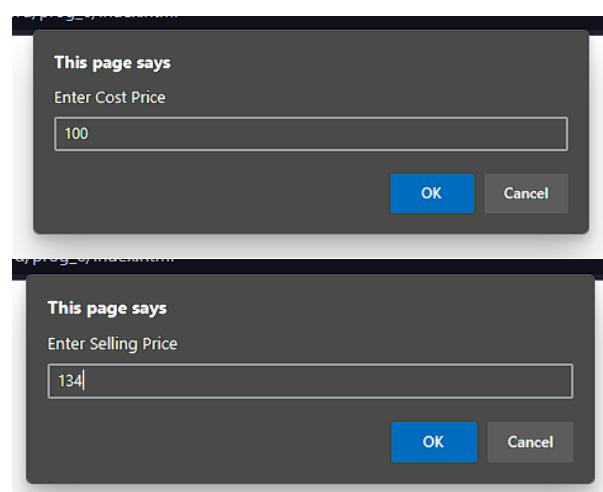
        function get() {
            cost_price = prompt("Enter Cost Price");
            sell_price = prompt("Enter Selling Price");
        }
    </script>
</body>
```

</html>

6.3 Output

Profit Calculator

Input Output



Profit Calculator

Input Output

Your profit is 34%

7 Electrical Connection Form

7.1 Aim

- Create a form with the following fields
- Permanent or temporary connection (radio button)
- Government or Private house (radio button)
- Name and Email

7.2 Code

```
<!DOCTYPE html>
<html>

<head>
    <title>Electric Form</title>
</head>

<body>
    <section>
        <h1>
            Electrical Connection Form
        </h1>
        <form id="myform" onsubmit="validate()">
            <p>
                Specify Connection Type:
            </p>
            <div>
                <input name="connection" type="radio" value="temp">
                temporary
                </input>
                <input name="connection" type="radio" value="perm">
                permanent
                </input>
            </div>

            <p>
                Specify House Type:
            </p>
            <div>
                <input name="house" type="radio" value="gov">
                government house
                </input>
                <input name="house" type="radio" value="private">
                private house
                </input>
            </div>
            <div>
                <p>Name:</p>
                <input type="text" placeholder=" Enter your name" />
            </div>
            <div>
                <p>Email:</p>
                <input type="email" placeholder=" Enter your email" />
            </div>
            <input type="submit" value="Submit" />
        </form>
    </section>
</body>
```

```

</form>
</section>
<script>
    function validate() {
        let form = document.forms[0];
        for (let input of form.elements) {
            if (input.value == "") {
                alert("Kindly fill all values");
                return;
            }
        }
        alert("Form Submitted Successfully");
    }
</script>
</body>

</html>

```

7.3 Output

Electrical Connection Form

Specify Connection Type:

temporary permanent

Specify House Type:

government house private house

Name: Solo Stin

Email: solol@steelmail.com

Submit

8 Word Search

8.1 Aim

- Write a JavaScript Program to search for a word in a sentence
- the search should be performed when a appropriate button is clicked

8.2 Code

```
<!DOCTYPE html>
<html>

<head>
    <title>Word Finder</title>
</head>

<body>
    <section>
        <h1>
            Word Finder
        </h1>
        <div>
            <p>Enter your sentence</p>
            <input type="text" id="sentence" />
            <p>Enter the word to search</p>
            <input type="text" id="word" />

            <button onclick=result()> Find </button>

            <p id="output"></p>
        </div>
    </section>
    <script>
        function result() {
            let sentence = document.getElementById("sentence").value.trim();
            let search_word = document.getElementById("word").value.trim();

            let output = document.getElementById("output");
            for (let word of sentence.split(" ")) {
                if (word == search_word) {
                    output.innerHTML = word + " is found in the string";
                    return;
                }
            }
            output.innerHTML = "Could not find the word inside string";
        }
    </script>
</body>
</html>
```

8.3 Output

Word Finder

Enter your sentence
Once upon a time there lived a cute cat

Enter the word to search

Find

The word **cat** is found in the string

Word Finder

Enter your sentence
Once upon a time there lived a cute cat

Enter the word to search

Find

Could not find the word inside string

9 Prime and Armstrong

9.1 Aim

- Write a program to determine whether a number is Armstrong or Prime

9.2 Code

```
<!DOCTYPE html>
<html>

<head>
    <title>Prime or Armstrong?</title>
</head>

<body>
    <section>
        <h1>
            Prime or Armstrong
        </h1>
        <div>
            <div>
                <p>Enter a number</p>
                <input type="number" id="number" />
            </div>
            <div>
                <button onclick=is_prime()> Prime? </button>
                <button onclick=is_armstrong()> Armstrong? </button>
            </div>
            <p id="output"></p>
        </div>
    </section>
    <script>
        let output = document.getElementById("output");

        function is_prime() {
            let num = document.getElementById("number").value;
            for (let i = 2; i <= num / 2; i++) {
                if (num % i == 0) {
                    output.innerHTML = num + " is NOT prime";
                    return;
                }
            }
            output.innerHTML = num + " is PRIME";
        }

        function is_armstrong() {
            let num = document.getElementById("number").value;
            let str_num = String(num);
            let exponent = str_num.length;

            let result = 0;

            for (let ch of str_num.split("")) {
                result += Number(ch) ** exponent;
            }
        }
    </script>
</body>
```

```
if (result == num) {  
    output.innerHTML = num + " is ARMSTRONG";  
} else {  
    output.innerHTML = num + " is NOT armstrong";  
}  
}  
</script>  
</body>  
  
</html>
```

9.3 Output

Prime or Armstrong

Enter a number

Prime? Armstrong?

153 is ARMSTRONG

Prime or Armstrong

Enter a number

Prime? Armstrong?

153 is NOT prime

10 Fibonacci Series

10.1 Aim

- Write a program to display the first n terms of the Fibonacci series

10.2 Code

```
<html>
  <head>
    <title>Fibonacci Series</title>
  </head>
  <body>
    <section>
      <h1>
        Fibonacci Series
      </h1>
      <div>
        <div>
          <p>Enter the number of terms</p>
          <input type="text" value="8" id="number">
        </div>
        <button onclick="getseries()">Find</button>
        <p id="output"></p>
      </div>
    </section>
    <script>
      function getseries() {
        let output = "";
        let number = document.getElementById("number").value;
        for (let i = 0; i < number; i++) {
          output += fibo(i) + " ";
        }
        document.getElementById("output").innerHTML = output;
      }
      function fibo(num) {
        return (num < 2)? num : fibo(num-1) + fibo(num-2);
      }
    </script>
  </body>
</html>
```

10.3 Output

Fibonacci Series

Enter the number of terms

Find

0 1 1 2 3 5 8 13

11 University Login

11.1 Aim

- Create a login page
- with fields name and enrollment number
- After submitting information, redirect to a welcome page

11.2 Code

index.html

```
<html>

<head>
    <title>University Login</title>
</head>

<body>
    <section>
        <h1>
            Login
        </h1>
        <form action="login.html" method="get">
            <div>
                <p>Name:</p>
                <input name="name" type="text" required />
            </div>
            <div>
                <p>Enrollment No.:</p>
                <input type="number" required />
            </div>
            <input type="submit" value="Submit" />
        </form>
    </section>
</body>

</html>
```

login.html

```
<html>

<head>
    <title>University Login</title>
</head>

<body>
    <section>
        <h1>
            Welcome <a id='name'></a>
        </h1>
        <h1>
            Login Successful
        </h1>
    </section>
    <script>
        let url = window.location.href;
        url = url
            .split('?')[1]
            // regex for removing + from GET
            .split('=')[1].replace(/\+/g, ' ');
        document.getElementById("name").innerHTML = url;
    </script>
</body>

</html>
```

11.3 Output

Login

Name:	Zid Heart
Enrollment No.:	00100
<input type="button" value="Submit"/>	

Welcome Zid Heart
Login Successful

12 First Vowel

12.1 Aim

- Write a JavaScript program to find the first vowel in a string

12.2 Code

```
<html>

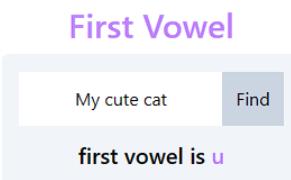
<head>
    <title>First Vowel</title>
</head>

<body>
    <section>
        <h1>First Vowel</h1>
        <div>
            <div>
                <input placeholder="Enter a String" id="input" />
                <button onclick="firstvowel()"> Find </button>
            </div>
            <p id="output"></p>
        </div>
    </section>
    <script>
        function firstvowel() {
            let input = document.getElementById("input").value;
            let output = document.getElementById("output");
            let style = "<a class='text-purple-400'>";

            for (let ch of input.split("")) {
                if ("aeiouAEIOU".includes(ch)) {
                    output.innerHTML = "first vowel is " + style + ch + "</a>";
                    return;
                }
            }
            output.innerHTML = "No vowels found";
        }
    </script>
</body>

</html>
```

12.3 Output



13 Basic Calculator

13.1 Aim

- Write a JavaScript program implementing a Simple Calculator

13.2 Code

```
<html>

<head>
    <title>Basic Calculator</title>
</head>

<body>
    <section>
        <h1>Calculator</h1>
        <div>
            <div>
                <input placeholder="Enter Expression" id="input" />
                <button onclick=compute()> Find </button>
            </div>
            <p id="output"></p>
        </div>
    </section>
    <script>
        function compute() {
            let input = document.getElementById("input")
                .value.trim().split(' ');
            let output = document.getElementById("output");

            // the expression should be separated by spaces for this to work
            // i.e. 1 + 2
            // as a counter example, this will NOT WORK: 1+2
            let result = input[0] + " " + input[1] + " " + input[2] + " = ";

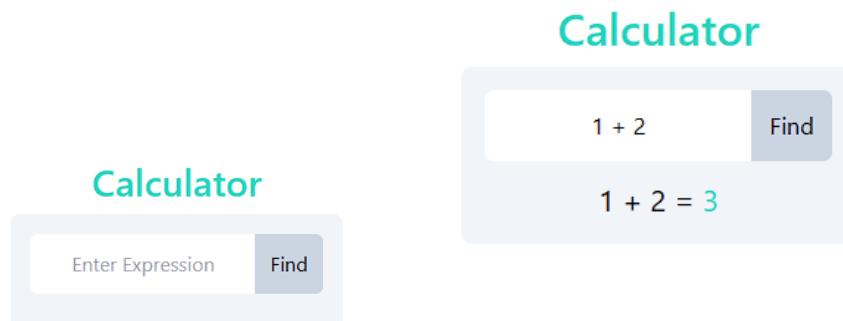
            if (input.length != 3) {output.innerHTML = "Invalid Expression"; return;}
            switch (input[1]) {
                case "+": result += (Number(input[0]) + Number(input[2])); break;
                case "-": result += Number(input[0]) - Number(input[2]); break;
                case "*": result += Number(input[0]) * Number(input[2]); break;
                case "/": result += Number(input[0]) / Number(input[2]); break;
                default: output.innerHTML = "Invalid Expression"; break;
            }

            output.innerHTML = result;
        }
    </script>
</body>

</html>
```

13.3 Output

Calculator

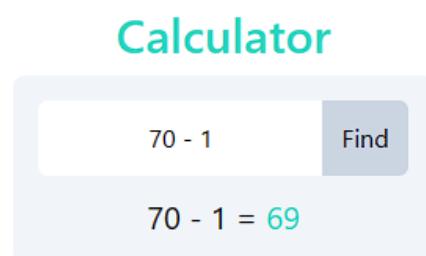


The interface shows a calculator with a light gray background. At the top, the word "Calculator" is written in a teal font. Below it is a rectangular input field with rounded corners. Inside the input field, the expression "1 + 2" is displayed. To the right of the input field is a dark gray button labeled "Find". Below the input field, the result "1 + 2 = 3" is shown in a teal font.

Enter Expression Find

1 + 2 = 3

Calculator

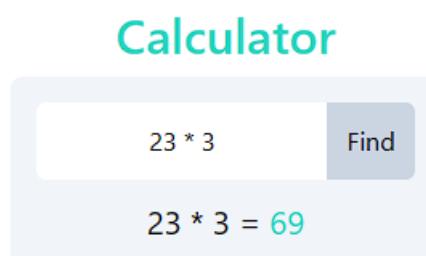


The interface shows a calculator with a light gray background. At the top, the word "Calculator" is written in a teal font. Below it is a rectangular input field with rounded corners. Inside the input field, the expression "70 - 1" is displayed. To the right of the input field is a dark gray button labeled "Find". Below the input field, the result "70 - 1 = 69" is shown in a teal font.

70 - 1

70 - 1 = 69

Calculator

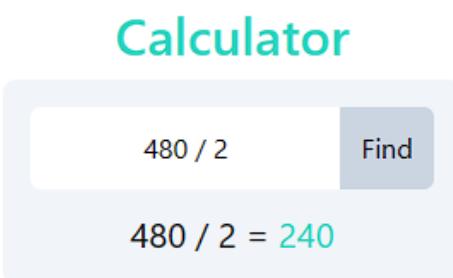


The interface shows a calculator with a light gray background. At the top, the word "Calculator" is written in a teal font. Below it is a rectangular input field with rounded corners. Inside the input field, the expression "23 * 3" is displayed. To the right of the input field is a dark gray button labeled "Find". Below the input field, the result "23 * 3 = 69" is shown in a teal font.

23 * 3

23 * 3 = 69

Calculator



The interface shows a calculator with a light gray background. At the top, the word "Calculator" is written in a teal font. Below it is a rectangular input field with rounded corners. Inside the input field, the expression "480 / 2" is displayed. To the right of the input field is a dark gray button labeled "Find". Below the input field, the result "480 / 2 = 240" is shown in a teal font.

480 / 2

480 / 2 = 240

14 Company Profile Form

14.1 Aim

- Create a form for entering A company Profile
- The form should have an update button
- update button should update the profile

14.2 Code

```
<!DOCTYPE html>
<html>

<head>
    <title>Company information</title>
</head>

<body>
    <h1>Company Form</h1>
    <div>
        <p>Employee Name</p>
        <!-- We are assigning initial values here -->
        <input type="text" id="name" value="Ann Rexi" required />
        <p>Address</p>
        <input type="text" id="addr" value="Kochi, Kerala" required />
        <p>Email</p>
        <input type="email" id="email" value="annrexie@gmail.com" required />
        <button onclick=update()>Update</button>
    </div>
    <div>
        <!-- the name is a group here -->
        <p name="output" />
        <p name="output" />
        <p name="output" />
    </div>
    <script>
        update(); // call once to display initial value
        function update() {
            let name = document.getElementById("name").value;
            let addr = document.getElementById("addr").value;
            let email = document.getElementById("email").value;
            let output = document.getElementsByName("output");
            let style = "<a class='text-pink-400 font-semibold'>" +
            output[0].innerHTML = "Employee: " + style + name + "</a>";
            output[1].innerHTML = "Address: " + style + addr + "</a>";
            output[2].innerHTML = "Email: " + style + email + "</a>";
        }
    </script>
</body>
</html>
```

14.3 Output

Company Form

Employee Name

Address

Email

Update

Employee: **Ann Rexi**

Address: **Kochi, Kerala**

Email: **annrexie@gmail.com**

Company Form

Employee Name

Address

Email

Update

Employee: **Ann Rexi**

Address: **Ernakulam Kerala**

Email: **annann@gmail.com**

15 Random Number

15.1 Aim

- Write a JavaScript program to perform the following
- validation checks on text and email fields of a form
- Generate a random number when a Button is clicked

15.2 Code

```

<html>
  <head>
    <title>Random Number</title>
  </head>

  <body>
    <section>
      <h1>Random Number</h1>
      <div>
        <form onsubmit="validate()">

```

```

<input type="text" placeholder="Enter Name" name="name" />
<input type="email" placeholder="Enter email" name="email" />
<input type="submit" />
</form>
<div>
    <button onclick=random()> generate </button>
    <p id="rand"> 84 </p>
</div>
</div>
</section>
<script>
    document.forms[0].addEventListener("submit", function (e) {e.preventDefault()});
    function random() {
        document.getElementById("rand")
            .innerHTML = Math.floor(Math.random() * 100)
    }
    function validate() {
        let form = document.forms[0];
        if (form["name"].value == "") {
            alert("Name is empty");
        }
        else if (form["email"].value == "") {
            alert("Email is empty");
        } else {
            alert("Form Submitted");
            window.location.reload();
        }
    }
</script>
</body>
</html>

```

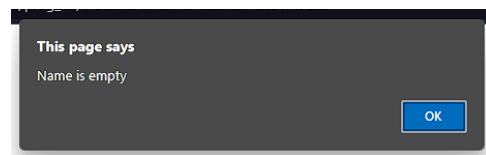
15.3 Output

Random Number

Enter Name
Enter email

Submit

generate 84

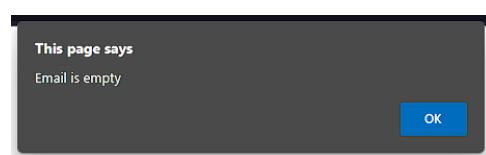


Random Number

Nana Paul
Enter email

Submit

generate 97



Random Number

Nana Paul
mpaul@gmail.com

Submit

generate 27



16 Company Login Page

16.1 Aim

- Design a login page of a company
- with fields name and password
- redirect to the company homepage after clicking login
- the homepage must display details of the company

16.2 Code

index.html

```
<html>
  <head>
    <title>University Login</title>
  </head>

  <body>
    <section>
      <form action=webpage.html method="get">
        <h1>
          Login
        </h1>
        <div>
```

```

<p>Name:</p>
<input name="name" type="text" required />
</div>
<div>
    <p>Password:</p>
    <input type="password" required />
</div>
<input type="submit" value="Submit" />
</form>
</section>
</body>

</html>

```

webpage.html

```

<html>

<head>
    <title>University Login</title>
</head>

<body>
    <h1>
        Welcome <a id='name'></a>
    </h1>
    <div>
        <div>
            <h1> Company Information </h1>
            <p>
                Lorem ipsum dolor sit amet, officia excepteur ex fugiat reprehenderit enim
                ↳ labore culpa sint ad nisi Lorem pariatur
                mollit ex esse exercitation amet. Nisi anim cupidatat excepteur officia.
                ↳ Reprehenderit nostrud nostrud ipsum Lorem est
                aliquip amet voluptate voluptate dolor minim nulla est proident. Nostrud
                ↳ officia pariatur ut officia. Sit irure elit
                esse ea nulla sunt ex occaecat reprehenderit commodo officia dolor Lorem duis
                ↳ laboris cupidatat officia voluptate. Culpa
                proident adipisicing id nulla nisi laboris ex in Lorem sunt duis officia
                ↳ eiusmod. Aliqua reprehenderit commodo ex non
                excepteur duis sunt velit enim. Voluptate laboris sint cupidatat ullamco ut ea
                ↳ consectetur et est culpa et culpa duis.
            </p>
            <p>
                Lorem ipsum dolor sit amet, officia excepteur ex fugiat reprehenderit enim
                ↳ labore culpa sint ad nisi Lorem pariatur
                mollit ex esse exercitation amet. Nisi anim cupidatat excepteur officia.
                ↳ Reprehenderit nostrud nostrud ipsum Lorem est
                aliquip amet voluptate voluptate dolor minim nulla est proident. Nostrud
                ↳ officia pariatur ut officia. Sit irure elit
                esse ea nulla sunt ex occaecat reprehenderit commodo officia dolor Lorem duis
                ↳ laboris cupidatat officia voluptate. Culpa
                proident adipisicing id nulla nisi laboris ex in Lorem sunt duis officia
                ↳ eiusmod. Aliqua reprehenderit commodo ex non
                excepteur duis sunt velit enim. Voluptate laboris sint cupidatat ullamco ut ea
                ↳ consectetur et est culpa et culpa duis.
            </p>

```

```

<h1> Our Purpose </h1>

<p>
    At the heart of our company beats a passion for anime|an art form that
    → transcends boundaries, captivating hearts and
    minds worldwide. Our purpose is twofold: to celebrate the rich tapestry of
    → anime, weaving together intricate narratives,
    vibrant characters, and breathtaking visuals, and to share this passion with
    → enthusiasts, both seasoned and budding.
    Through our dedication to curating an eclectic selection of anime, we strive
    → to create a space where individuals can
    immerse themselves in worlds both familiar and fantastical, finding solace,
    → inspiration, and connection.
</p>

<p>
    Guided by our commitment to fostering a community of creativity and
    → inclusivity, we aim to be more than just a platform;
    we aspire to be a beacon of light, illuminating new perspectives, igniting
    → imaginations, and nurturing the boundless
    potential within each viewer. Together, let us embark on a journey where every
    → frame tells a story, and every story
    sparks a dream.
</p>

</div>
</div>

<script>
    let url = window.location.href;
    url = url
        .split('?')[1]
        // regex for removing + from GET
        .split('=')[1].replace(/\+/g, ' ');
    document.getElementById("name").innerHTML = String(url);
</script>

</body>
</html>

```

16.3 Output



17 Registration Form

17.1 Aim

- Write a Javascript program to validate a form with the following fields
- Name, Email, Country code (text)
- Zip Code (Drop Down)

17.2 Code

```
<html>

<head>
    <title>Registration Form</title>
</head>

<body>
    <h1>Register</h1>
    <form name="registration" onsubmit='validate()'>
        <div>
            Name
            <input type="text" name="name" />
        </div>

        <div>
            Zip Code
            <select>
                <option>2018</option>
                <option>8123</option>
                <option>1243</option>
            </select>
        </div>
        <div>
            Email id
            <input type="email" name="email" />
        </div>
        <div>
            Country code
            <input type="text" name="country" />
        </div>
        <input type="submit" />
    </form>
<script>
    document.getElementsByName("registration")[0].addEventListener("submit", function
        (e) {e.preventDefault()});
    function validate() {
        let form = document.forms["registration"]

        if (form["name"].value == "") {
            alert("name is empty");
        } else if (form["email"].value == "") {
            alert("email is empty");
        } else if (form["country"].value == "") {
            alert("country code is empty");
        } else {
            alert("Form Submitted Successfully");
            window.location.reload();
        }
    }
</script>
```

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

17.3 Output

Register

Name	Abi Nav
Zip Code	8123 ▾
Email id	itsabhi@soccer.com
Country code	1

Submit

18 Hiding with JQuery

18.1 Aim

- Use the JQuery library to hide elements using the different kinds of selectors
- make a drop down list which can be used to select what element is hidden

18.2 Code

```
<html>

<head>
    <title>Jquery</title>
    <!-- The following line is very important for using JQUERY library -->
    <script
        src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
</head>

<body>
    <section>
        <h1>Jquery Hide</h1>
        <div>
            <div>
                <a style="background-color: tomato;"> Element </a>
                <p id="id" style="background-color: royalblue;"> Id </p>
                <p class='cls' style="background-color: pink;"> Class </p>
            </div>
            <div>
                <label for="selection"> What to hide? </label>
                <select name="selection">
                    <option value="none">none</option>
                    <option value="ele">element</option>
                    <option value="id">id</option>
                    <option value="cls">class</option>
                </select>
            </div>
        </div>
    </section>
    <script>
        $(document).ready(function () {
            $("select").change(function () {
                var options = $(this).children("option:selected").val();

                // reset
                $("a").show();
                $("#id").show();
                $(".cls").show();

                if (options == "ele") {$("a").hide();}
                else if (options == "id") {$("#id").hide();}
                else if (options == "cls") {$(".cls").hide();}
            })
        })
    </script>
</body>

</html>
```

18.3 Output

Jquery Hide

Element

Id

Class

What to hide?

none ▾

Jquery Hide

Id

Class

What to hide?

element ▾

Jquery Hide

Element

Class

What to hide?

id ▾

Jquery Hide

Element

Id

What to hide?

class ▾

19 Online Railway Booking

19.1 Aim

- Design a website for booking online railway tickets having the following fields:
- Name, email, gender (radio)
- Date of Journey
- Destination (dropdown)

19.2 Code

```
<html>

<head>
    <title>Railway Booking</title>
</head>

<body>
    <h1>Ticket booking</h1>
    <form>
        Name
        <input type="text" name="name" required />

        Email
        <input type="email" name="email" required />

        <div>
            Gender
            <input type="radio" name="gender" value="male" />
            Male

            <input type="radio" name="gender" value="female" />
            Female

            <input type="radio" name="gender" value="other" checked />
            Other
        </div>

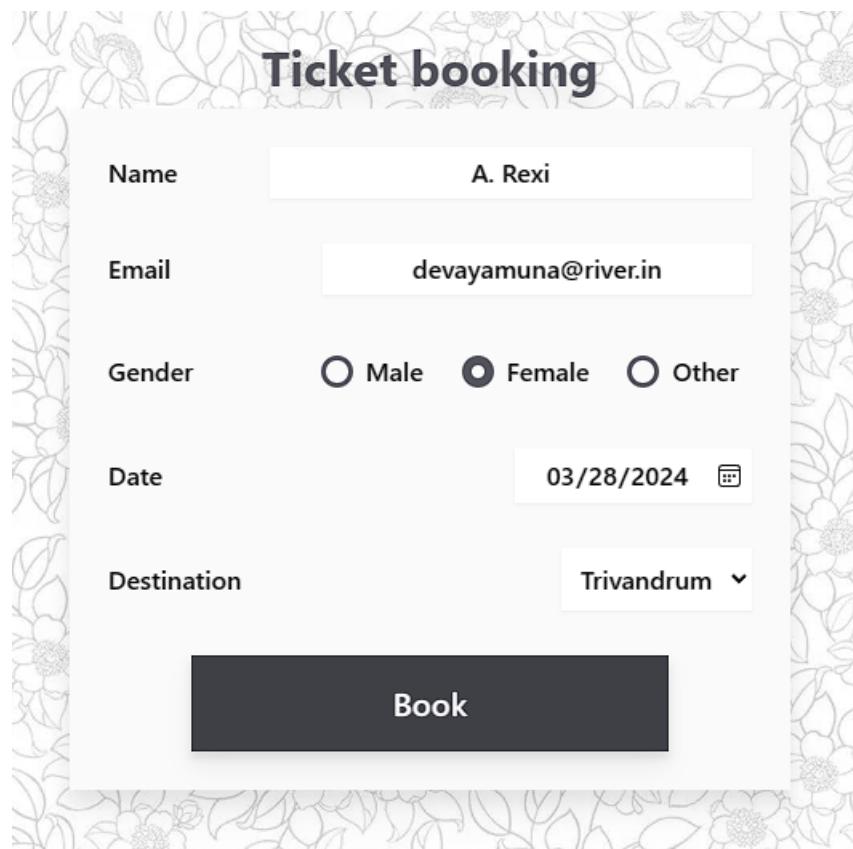
        Date
        <input type="date" name="date" required />

        Destination
        <select name="destination">
            <option value="kochi">Kochi</option>
            <option value="triv">Trivandrum</option>
            <option value="kanoor">Kanoor</option>
        </select>

        <div>
            <input type="submit" value="Book" />
        </div>
    </form>
</body>

</html>
```

19.3 Output



A ticket booking form titled "Ticket booking" with a floral border. The form fields include Name (A. Rexi), Email (devayamuna@river.in), Gender (Female selected), Date (03/28/2024), Destination (Trivandrum), and a Book button.

Ticket booking	
Name	A. Rexi
Email	devayamuna@river.in
Gender	<input type="radio"/> Male <input checked="" type="radio"/> Female <input type="radio"/> Other
Date	03/28/2024 <input type="button" value=""/>
Destination	Trivandrum <input type="button" value=""/>
<input type="button" value="Book"/>	

20 AJAX

20.1 Aim

- Write a JavaScript program utilizing AJAX technology

20.2 Code

```
<html>

<head>
    <title>Ajax</title>
</head>

<body>
    <section>
        <h1>Ajax Program</h1>
        <div>
            <a id="content">I have not been clicked</a>
            <button onclick=update()> click me </button>
        </div>
    </section>
    <script>
        // NOTE: You will need to run this program via WAMP.
        // Also create a data.txt file
        function update() {
            const xhttp = new XMLHttpRequest();
            xhttp.onload = function () {
                document.getElementById('content').innerHTML = this.responseText;
            }
            xhttp.open("GET", "data.txt");
            xhttp.send();
        }
    </script>
</body>

</html>
```

20.3 Output



21 Customer Details

21.1 Aim

- Use php to display details from a form in tabular manner in a new page. The form contains the following fields
 - customer number, name, place
 - email ID & phone number

21.2 Code

index.html

```
<html>

<head>
    <title>Php Form</title>
</head>

<body>
    <h1>Customer Form</h1>
    <form action="table.php" method="post">
        <label>
            Customer Number
            <input type="number" name="cno" required />
        </label>
        <label>
            Name
            <input type="text" name="name" required />
        </label>
        <label>
            Place
            <input type="text" name="place" required />
        </label>
        <label>
            Email
            <input type="email" name="email" required />
        </label>
        <label>
            Phone
            <input type="number" name="phono" required />
        </label>
        <div>
            <input type="submit" value="Submit" />
        </div>
    </form>
</body>
</html>
```

table.php

```
<html>

<head>
    <title>Received Data</title>
</head>
```

```

<body>
<section>
    <h1>Customer Information</h1>
    <div>
        <?php
        function data($heading, $value) {
            echo "
                <div> <h1>$heading</h1> <a>$value</a> </div>
            ";
        }
    // Tables using Flexboxes, you may use <tr> <th> <td> instead
    echo "<div>";

    echo data("Customer No.", $_POST['cno']);
    echo data("Name", $_POST['name']);
    echo data("Place", $_POST['place']);
    echo data("Email", $_POST['email']);
    echo data("Phone No.", $_POST['phono']);

    echo "</div>";
    ?>
    </div>
</section>
</body>

</html>

```

21.3 Output

Customer Form

Customer Number	3
Name	Krishna Developer
Place	Alapuzha
Email	sixpacks@flutter.in
Phone	871484559

Submit

Customer Information

Customer No.	Name	Place	Email	Phone No.
3	Krishna Developer	Alapuzha	sixpacks@flutter.in	871484559

22 Number of Visitors

22.1 Aim

- Write a Php program to count the number of visitors

22.2 Code

index.php

```
<html>

<head>
    <title>Cool</title>
</head>

<body>
    <h1 style="font-size: 5em; color: magenta;">
        Hello visitor
        <?php
        $filename = "visitors.txt";
        $data = 1;
        if (file_exists($filename)) {
            $file = fopen($filename, "r");
            $data = fread($file, filesize($filename));
        }
    </h1>
</body>
```

```
    $data = (int)$data + 1;
}
$file = fopen($filename, "w");
fwrite($file, $data);

echo "$data";
?>
</h1>
</body>

</html>
```

22.3 Output

Hello visitor 17

23 KSEB Login Page

23.1 Aim

- Write a Php program to login and view the Consumer Bill

23.2 Code

index.html

```
<html>

<head>
    <title>KSEB Login</title>
</head>

<body>
    <section>
        <div>
            <div>
                <form action="login.php" method="post">
                    <h1>KSEB Login</h1>
                    <input type="text" name="name" placeholder="Username"></input>
                    <input type="number" name="mobile" placeholder="Mobile number" required />
                    <input type="submit" value="Submit">
                </form>
            </div>
        </section>
    </body>

</html>
```

login.php

```
<html>

<head>
    <title>Bill Due</title>
</head>

<body>
    <section>
        <div>
            <?php
            function serve_data($database) {
                $tablename = "kseb";
                $mobile = $_POST['mobile'];

                $query = "SELECT * FROM $tablename WHERE mobile=$mobile";

                $result = $database->query($query);
                if ($result->num_rows < 1) {
                    echo " <a> Invalid User! </a> ";
                    return;
                }
                $data = $result->fetch_assoc();
                display_data($data['mobile'], $data['name'], $data['bill']);
            }
        </div>
    </section>
</body>
```

```

}

function display_data($mobile, $name, $bill) {
    echo "
        <div>
            <p> $name </p>
            <p> +$mobile </p>
            <p> $ $bill </p>
        </div>
    ";
}

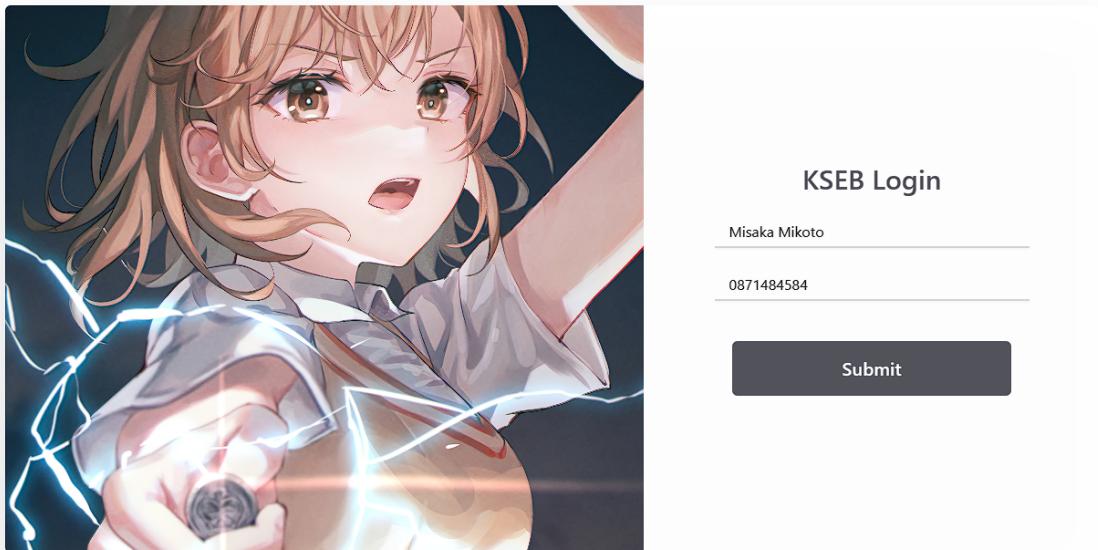
// change this accordingly
$password = "root";
$database = new mysqli("localhost", "root", $password, "record");

if ($database->connect_error) {
    echo "failed to connect to database";
    return;
}
serve_data($database);
?>
</div>
</section>
</body>

</html>

```

23.3 Output



Misaka Mikoto
+871484584
\$ 8000.00

Joseph Joestar
+871484581
\$ 1010.00

24 Online Application Form

24.1 Aim

- Write a Php program to display the details from an html form

24.2 Code

index.html

```
<html>

<head>
    <title>Online Form</title>
</head>

<body>
    <form action="display.php" method="post">
        <div></div>
```

```

<h1>Application Form</h1>
<div>
    <input type="text" name="fname" placeholder="First Name" required />
    <input type="text" name="lname" placeholder="Last Name" required />
</div>
<input type="number" name="regnum" placeholder="Register No." required></input>
<input type="email" name="email" placeholder="Email" required />
<div>
    <label>
        <input type="radio" name="gender" value="male" />
        Male
    </label>
    <label>
        <input type="radio" name="gender" value="female" />
        Female
    </label>
    <label>
        <input type="radio" name="gender" value="other" checked />
        Other
    </label>
</div>
<input type="submit" value="Submit">
</form>
</body>

</html>

```

display.php

```

<html>

<head>
    <title>Form</title>
</head>

<body>
    <section>
        <div>
            <?php
                $fname = $_POST['fname'];
                $lname = $_POST['lname'];
                $register = $_POST['regnum'];
                $email = $_POST['email'];
                $gender = $_POST['gender'];

                echo "
                    <div style='display:flex; flex-direction:column'>
                        <a> Name: $fname $lname </a>
                        <a> Email: $email </a>
                        <a> Register: #$register </a>
                        <a> Gender: $gender </a>
                    </div>
                ";
            ?>
        </div>
    </section>
</body>

```

</html>

24.3 Output



Application Form

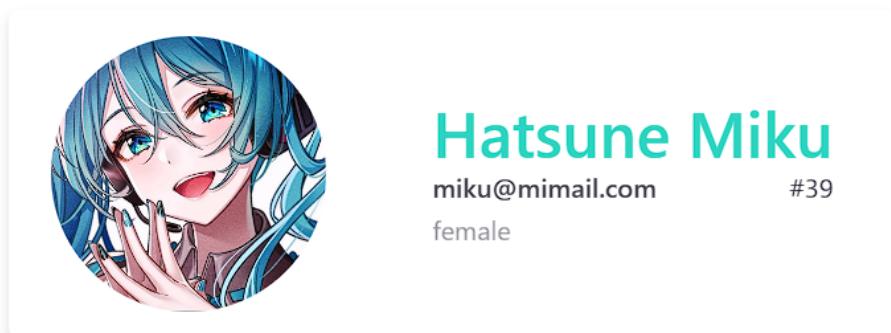
Hatsune Miku

39

miku@mimail.com

Male Female Other

Submit



25 Current Date Time Cookie

25.1 Aim

- Write a PHP program to store the current date and time in a cookie and display the last visited on date-time upon reopening the page

25.2 Code

```
<?php
    date_default_timezone_set("Asia/Kolkata");
    setcookie("visit", date("m.d.y"));
?>
<html>
    <head>
        <title>Cool</title>
    </head>
    <body>
        <section>
            <h1 style="font-size: 6em; color: red;">
                <?php
                    if ($cookie = $_COOKIE["visit"]) {
                        echo "Your last visit was at $cookie";
                    } else {
                        echo "No Cookies!";
                    }
                ?>
            </h1>
        </section>
    </body>
</html>
```

25.3 Output

Your last visit was at 03.16.24

26 Update Student Phone Number

26.1 Aim

- Write a PHP program to login with register no. and update the phone number

26.2 Code

index.html

```
<html>

<head>
    <title>Online Form</title>
</head>

<body>
    <section>
        <form action="update.php" method="post">
            <div></div>
            <div>
                <div>
                    <input type="text" name="regno" placeholder="Register Number" required />
                    <input type="number" name="newnum" placeholder="New Mobile Number" />
                </div>
                <input type="submit" value="Submit" />
            </div>
        </form>
    </section>
</body>

</html>
```

update.php

```
<html>

<head>
    <title>Cool</title>
</head>

<body>
    <section>
        <div>
            <?php
            function serve_data($database) {
                $regno = $_POST['regno'];
                $newnum = $_POST['newnum'];
                $tablename = "student";
                $updated = false;

                if ($newnum != "") {
                    // Update the name if the user has sent a new number on login
                    $query = "UPDATE $tablename SET mobile=$newnum WHERE regno='$regno'";
                    $database->query($query);
                    $updated = true;
                }
            }
        </div>
    </section>
</body>
```

```

$query = "SELECT * FROM $tablename WHERE regno='$regno'";

$result = $database->query($query);
if ($result->num_rows < 1) {
    echo "<a> Invalid User! </a>";
    return;
}

$data = $result->fetch_assoc();

display_data($data['mobile'], $data['name'], $data['regno'], $updated);
}

function display_data($mobile, $name, $regno, $updated) {
    echo "
        <div>
            <a> $regno </a>
            <a> $name </a>
            <a> +$mobile </a>
        ";
    if ($updated) { // display text if the phone number is updated
        echo "<a>updated</a>";
    }
}

$databse = new mysqli("localhost", "root", "root", "record");

if ($databse->connect_error) {
    echo "failed to connect to databse";
    return;
}

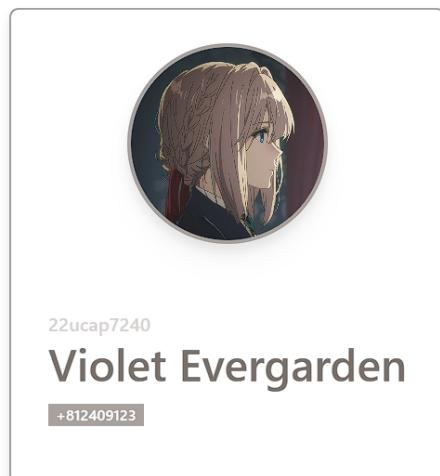
serve_data($databse);
?>
</div>
</section>
</body>

</html>

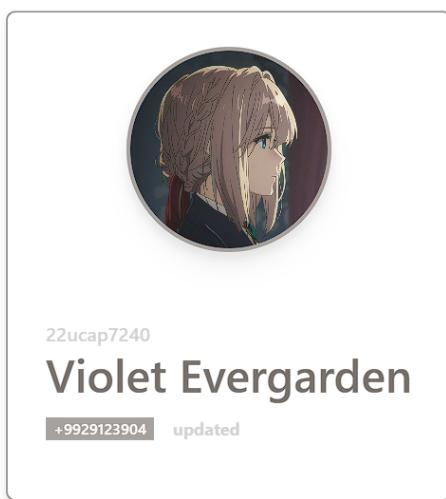
```

26.3 Output

Submission without entering new phone number



Submission with new phone number



27 Delete Student Entry

27.1 Aim

- Write a program to login as Admin and delete the details of a student from the university database

27.2 Code

index.html

```
<html>

<head>
    <title>Admin Login</title>
</head>

<body>
    <section>
        <form action="login.php" method="post">
            <div></div>
            <div>
                <input type="number" name="regno" placeholder="Delete Register" required />
                <input type="password" name="pass" placeholder="Admin Password" required />
            </div>
            <input type="submit" value="Delete" />
        </form>
    </section>
</body>

</html>
```

login.php

```
<html>

<head>
    <title>Delete </title>
</head>

<body>
    <?php
    function show_entry($dbase) {
        $query = "SELECT * FROM register";
        $result = $dbase->query($query);
        if ($result->num_rows < 1) {
            return;
        }

        echo "<table> <tr> <th>ID</th> <th>Name</th> </tr>"; // start table

        while ($data = $result->fetch_assoc()) {
            $name = $data['name'];
            $id = $data['id'];
            echo " <tr> <td>$id</td> <td>$name</td> </tr> "; // table data
        }

        echo "</table>"; // end table
    }
}
```

```

if ($_POST['pass'] != "root") {
    echo "WRONG PASSWORD";
    return;
}

// change password from "root" (the second one) to "" (default password of wamp)
$base = new mysqli("localhost", "root", "root", "record");
if ($base->connect_error) {
    echo "Failed to connect to database";
}

$regno = $_POST['regno'];
$query = "DELETE FROM register WHERE id=$regno";
$base->query($query);

if ($base->affected_rows > 0) {
    echo "Successfully Deleted Register Entry";
} else {
    echo "Failed to Delete Entry";
}

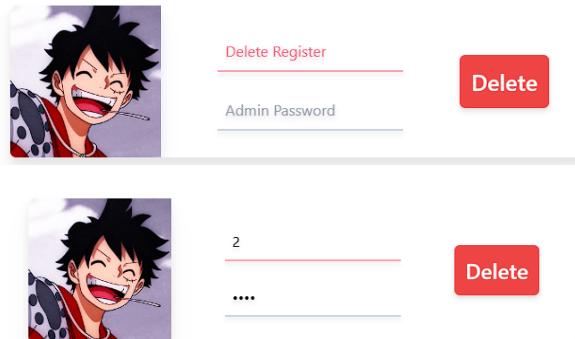
show_entry($base);
?>
</body>

</html>

```

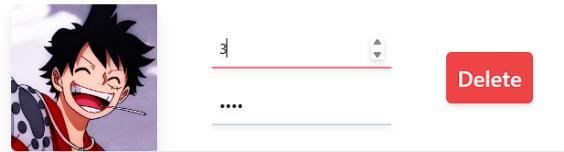
27.3 Output

Correct Password and Valid Entry



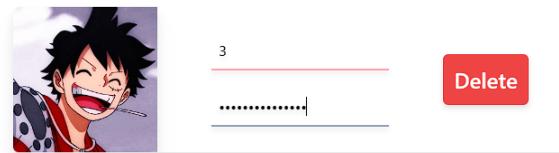
Succesfully Deleted Register Entry

Invalid Entry



Failed to Delete Entry

Wrong Password



WRONG PASSWORD

Dataset

ID	Name
1	rajesh
2	mahesh

28 Session

28.1 Aim

- Write a PHP program to create, update, and delete a session

28.2 Code

index.php

```
<?php
session_start();
?>
<html>

<head>
    <title>Session</title>
</head>

<body>
    <section>
        <h1> Sessions </h1>
        <div>
            <form action="create.php" method="post">
                <input type="text" name="color" placeholder="Favourite Color" required />
                <input type="submit" value="<?php if (isset($_SESSION['color'])) { echo
                    ↵ 'Update'; } else { echo 'Create'; } ?>" />
            </form>
            <?php
            if (isset($_SESSION['color'])) {
                echo "<p class='text-lg'>your favourite color is " . $_SESSION['color'] .
                    ↵ "</p>";
                echo " <a href='destroy.php'> Destroy Session </a> ";
            }
            ?>
        </div>
    </section>
</body>

</html>
```

create.php

```
<?php
session_start();
?>
<html>

<head>
    <title>Create</title>
</head>

<body>
    <section>
        <div>
            <h1>
                Color
                <?php if (isset($_SESSION['color'])) {
```

```

        echo 'Updated';
    } else {
        echo 'Created';
    } ?>
    Succesfully
</h1>
<?php
$color = $_POST['color'];
$_SESSION['color'] = $color;
?>
<a href="index.php">return</a>
</div>
</section>
</body>

</html>

```

destroy.php

```

<?php
session_start();
?>
<html>

<head>
    <title>Create</title>
</head>

<body>
    <section>
        <div>
            <?php session_destroy(); ?>
            <h1>
                Session Destroyed Succesfully
            </h1>
            <a href="index.php">return</a>
        </div>
    </section>
</body>

</html>

```

28.3 Output

Session Creation

Sessions



Session Updation

Sessions

Update

your favourite color is **Black**

[Destroy Session](#)

Color Updated Succesfully

[return](#)

Session Deletion

Sessions

Update

your favourite color is **Scarlet**

[Destroy Session](#)

Session Destroyed Succesfully

[return](#)

Sessions

Create