

AWT JOURNAL

Rashi Sawardekar FYIT-B Roll no.-31010924093

[all files](#)

PRACTICAL 1

DATE: 10 JAN 25

Q1 Changing HTML Content – JavaScript program to modify the content of an HTML element.

```
<!doctype html>
<head>
</head>
<body>
<h1>Rashi Sawardekar Roll no.-31010924093</h1>
<h1>what can javascript do?</h1>
<p id="d1">javascript can change html content<p>
<button type="button"
onclick='document.getElementById("d1").innerHTML="hell
o javascript"'>click</button>
</body>
</html>
```

Rashi Sawardekar Roll no.-31010924093

what can javascript do?

javascript can change html content

Rashi Sawardekar Roll no.-31010924093

what can javascript do?

hello javascript

Q2 Changing Image Source – JavaScript program to dynamically change the src attribute of an image.

```
<!doctype html>
<head>
</head>
<body>
<h1>Rashi Sawardekar Roll no.-31010924093</h1>
<h1>what can javascript do?</h1>
<p>javascript can change html content <br> in this case javascript changes the value to the src (source) attribute of an image.</p>
<button type="button"
onclick='document.getElementById("d1").src="bulb_on.png">turn on the light</button>

<button type="button"
onclick='document.getElementById("d1").src="bulb_off.png">turn off the light</button>
</body>
</html>
```

Rashi Sawardekar Roll no.-31010924093

what can javascript do?

javascript can change html content

in this case javascript changes the value to the scr (source) attribute of a image.



[turn on the light](#)

[turn off the light](#)

Rashi Sawardekar Roll no.-31010924093

what can javascript do?

javascript can change html content

in this case javascript changes the value to the scr (source) attribute of a image.



[turn on the light](#)

[turn off the light](#)

Q3 Changing Font Size – JavaScript program to alter the font size of an element.

```
<!doctype html>
<head>
</head>
<body>
<h1>Rashi Sawardekar Roll no.-31010924093</h1>
<h1>what can javascript do?</h1>
<p id="d1">javascript can change html content <br> in this casejavascript changes tbe value to the scr (source) attribute of a image.</p>
<button type="button"
onclick="document.getElementById('d1').style.fontSize='35px'">click</button>
</body>
</html>
```

Rashi Sawardekar Roll no.-31010924093

what can javascript do?

javascript can change html content
in this casejavascript changes the value to the scr (source) attribute of a image.

click

Rashi Sawardekar Roll no.-31010924093

what can javascript do?

javascript can change html content
in this casejavascript changes the value to the scr (source) attribute of a image.

click

Q4 Hiding and Showing HTML Elements – JavaScript program to hide and reveal an HTML element.

```
<!doctype html>
<head>
</head>
<body>
<h1>Rashi Sawardekar Roll no.-31010924093</h1>
<h1>what can javascript do?</h1>
<p id="d1" style="display:none">javascript can change
hide html elements </p>
<button type="button"
onclick='document.getElementById("d1").style.display="bl
ock">click</button>

</body>
</html>
```

Rashi Sawardekar Roll no.-31010924093

what can javascript do?

Rashi Sawardekar Roll no.-31010924093

what can javascript do?

javascript can change hide html elements

PRACTICAL 2

Date:17 JAN 25

Q1 Finding the Largest and Smallest of Three Numbers – JavaScript program to determine the largest and smallest among three user-entered numbers.

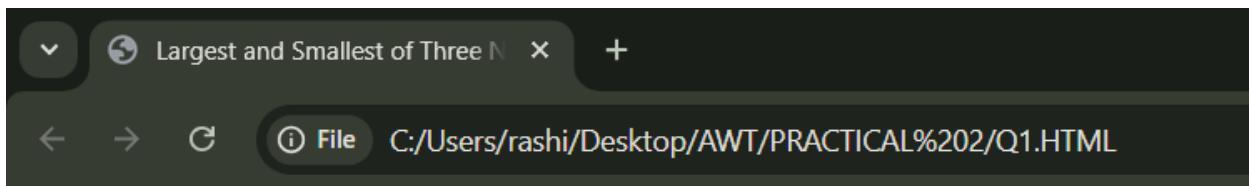
```
<!DOCTYPE html>
<html>
<head>
    <title>Largest and Smallest of Three Numbers</title>
    <script>
        function findLargestSmallest() {
            let num1 =
parseFloat(document.getElementById("num1").value);
            let num2 =
parseFloat(document.getElementById("num2").value);
            let num3 =
parseFloat(document.getElementById("num3").value);

            if (isNaN(num1) || isNaN(num2) || isNaN(num3)) {
                document.getElementById("result").innerHTML
= "Please enter valid numbers.";
                return;
            }
        }
    </script>
</head>
<body>
    <input type="text" id="num1">
    <input type="text" id="num2">
    <input type="text" id="num3">
    <div id="result"></div>
</body>
</html>
```

```
let largest = Math.max(num1, num2, num3);
let smallest = Math.min(num1, num2, num3);

document.getElementById("result").innerHTML =
    "Largest Number: " + largest + "<br>Smallest
Number: " + smallest;
}

</script>
</head>
<body>
    <h1>Rashi Sawardekar Roll No.- 31010924093</h1>
    <h1>Largest and Smallest of Three Numbers</h1>
    <label>Enter First Number:</label>
    <input type="number" id="num1"><br><br>
    <label>Enter Second Number:</label>
    <input type="number" id="num2"><br><br>
    <label>Enter Third Number:</label>
    <input type="number" id="num3"><br><br>
    <button onclick="findLargestSmallest()">Find</button>
    <h3 id="result"></h3>
</body>
</html>
```



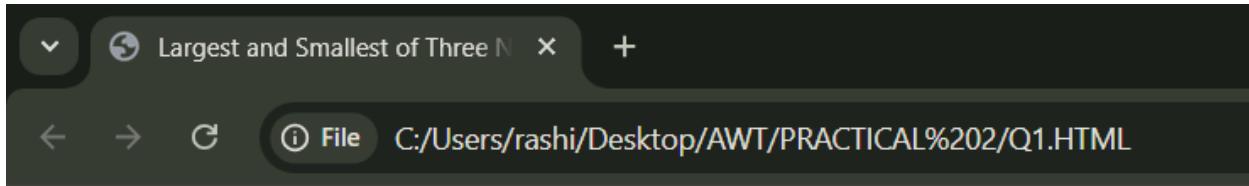
Rashi Sawardekar Roll No.- 31010924093

Largest and Smallest of Three Numbers

Enter First Number:

Enter Second Number:

Enter Third Number:



Rashi Sawardekar Roll No.- 31010924093

Largest and Smallest of Three Numbers

Enter First Number:

Enter Second Number:

Enter Third Number:

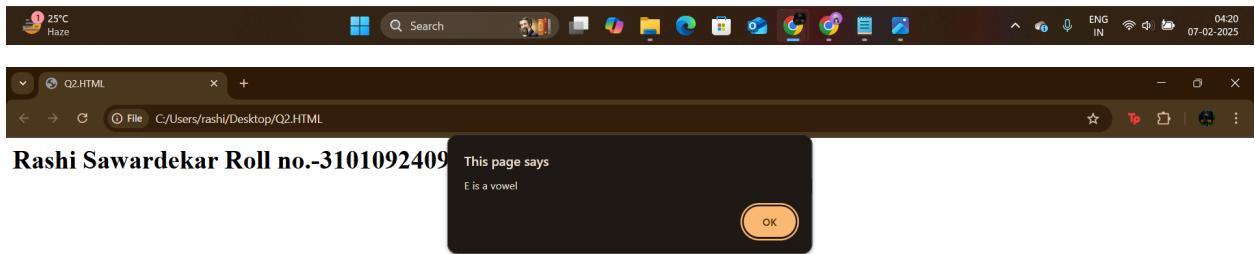
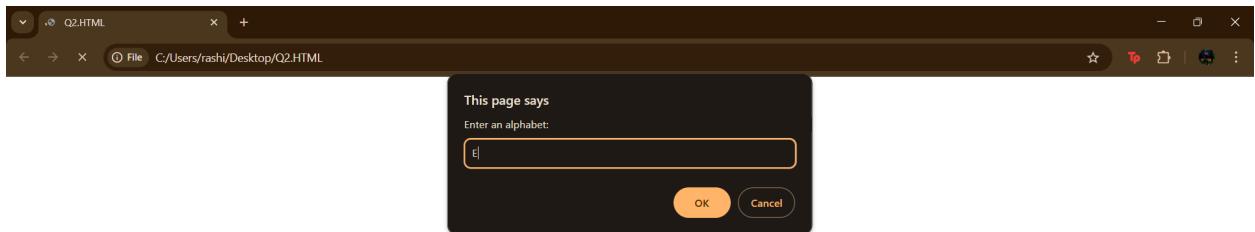
Largest Number: 885

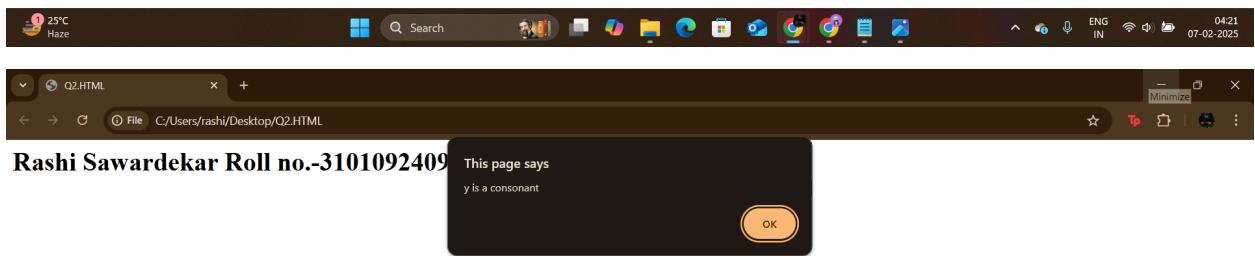
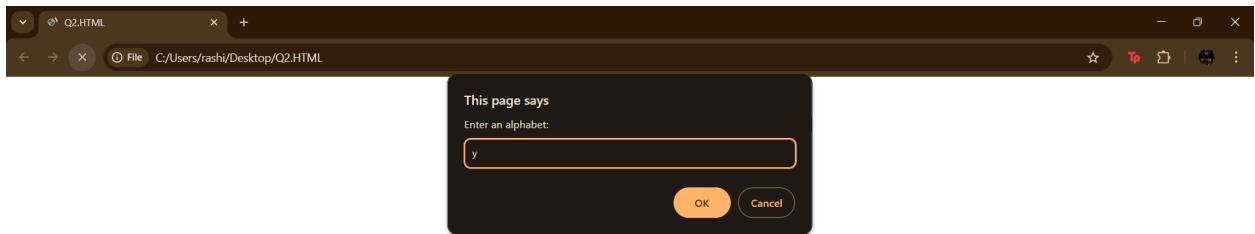
Smallest Number: 2

Q2 Checking if a Character is a Vowel – JavaScript program to check whether an entered character is a vowel.

```
<html>
<head>
</head>
<body>
<h1>Rashi Sawardekar Roll no.-31010924093</h1>
<script >
var ch;
ch=prompt("Enter an alphabet:");
switch(ch)
{
case'A':
case'a':
alert(ch +" is a vowel");
break;
case'E':
case'e':
alert(ch +" is a vowel");
break;
case'I':
case'i':
alert(ch +" is a vowel");
```

```
break;
case'O':
case'o':
alert(ch +" is a vowel");
break;
case'U':
case'u':
alert(ch +" is a vowel");
break;
default:
alert(ch +" is a consonant")
break;
}
</script>
</body>
</html>
```





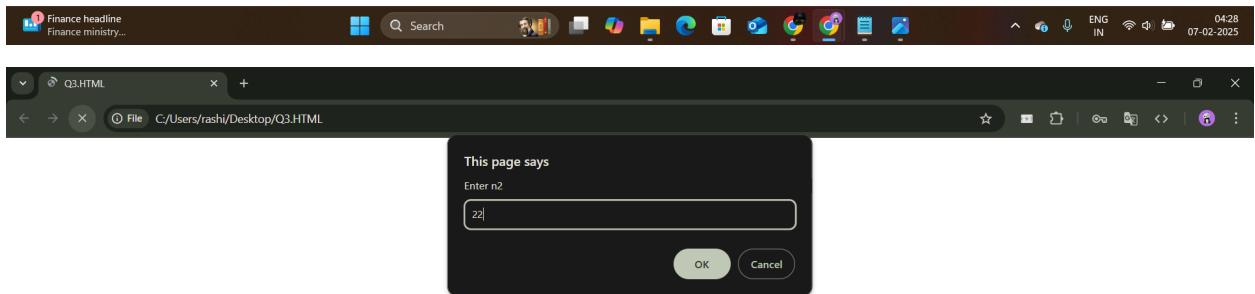
Q3 Simple Calculator Using Switch Case – JavaScript program to perform basic arithmetic operations based on user input.

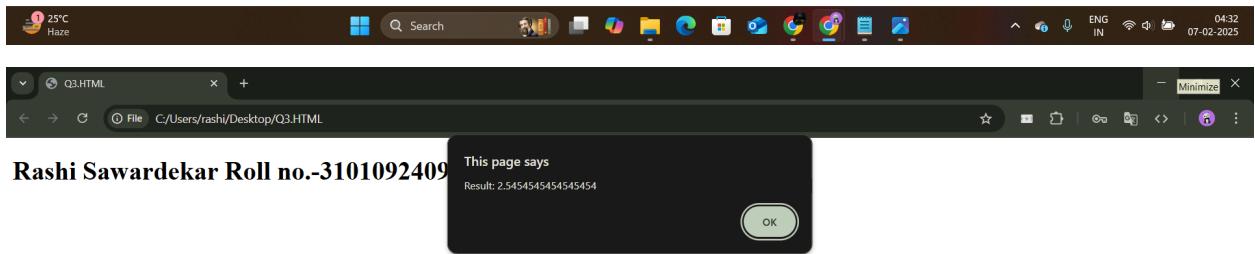
```
<!doctype html>
<html>
<head>
</head>
<body>
<h1>Rashi Sawardekar Roll no.-31010924093</h1>
<script>
let n1 = parseInt(prompt("Enter n1"));
let n2 = parseInt(prompt("Enter n2"));
let op = prompt("Enter operator (+, -, *, /, %)");

let result;

switch(op) {
  case '+':
    result = n1 + n2;
    alert("Result: " + result);
    break;
  case '-':
    result = n1 - n2;
    alert("Result: " + result);
    break;
  case '*':
    result = n1 * n2;
    alert("Result: " + result);
    break;
```

```
case '/':
    if (n2 === 0) {
        alert("Error: Division by zero");
    } else {
        result = n1 / n2;
        alert("Result: " + result);
    }
    break;
case '%':
    result = n1 % n2;
    alert("Result: " + result);
    break;
default:
    alert("Wrong input, please enter a valid operator");
}
</script>
</body>
</html>
```





Q4 Calculator Using Switch Case – JavaScript program to perform basic arithmetic operations based on user input.

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Simple Calculator</title>
    <style>
        body {
            text-align: center;
            font-family: Arial, sans-serif;
            margin-top: 50px;
        }
        input {
            padding: 8px;
            margin: 10px;
            width: 200px;
            font-size: 16px;
        }
        button {
            padding: 10px 15px;
            margin: 5px;
            font-size: 16px;
            cursor: pointer;
            border: none;
            background-color: #4CAF50;
        }
    </style>
</head>
<body>
    <h1>Simple Calculator</h1>
    <p>Enter two numbers and choose an operation:</p>
    <input type="number" id="num1">
    <input type="number" id="num2">
    <select id="operation">
        <option value="add">Add</option>
        <option value="subtract">Subtract</option>
        <option value="multiply">Multiply</option>
        <option value="divide">Divide</option>
    </select>
    <button type="button" id="calculate">Calculate</button>
    <div id="result"></div>
</body>
</html>
```

```
        color: white;
        border-radius: 5px;
    }
    button:hover {
        background-color: #45a049;
    }
    #result {
        font-size: 20px;
        font-weight: bold;
        margin-top: 20px;
    }
    .error {
        color: red;
    }
</style>
</head>
<body>

<h1>Rashi Sawardekar Roll No.-31010924093</h1>
<h2>Simple Calculator</h2>

<input type="number" id="num1" step="any"
placeholder="Enter first number"><br>
<input type="number" id="num2" step="any"
placeholder="Enter second number"><br>

<button onclick="calculate('add')">Add</button>
<button
onclick="calculate('subtract')">Subtract</button>
```

```
<button onclick="calculate('multiply')>Multiply</button>
<button onclick="calculate('divide')>Divide</button>

<h3 id="result"></h3>

<script>
    function calculate(operation) {
        let num1 =
parseFloat(document.getElementById('num1').value);
        let num2 =
parseFloat(document.getElementById('num2').value);
        let result = 0;

        if (isNaN(num1) || isNaN(num2)) {
            document.getElementById('result').innerHTML =
"<span class='error'>Please enter valid numbers.</span>";
            return;
        }

        switch(operation) {
            case 'add':
                result = num1 + num2;
                break;
            case 'subtract':
                result = num1 - num2;
                break;
            case 'multiply':
                result = num1 * num2;
                break;
        }
    }
</script>
```

```
case 'divide':
    if (num2 === 0) {
        document.getElementById('result').innerHTML = "<span
class='error'>Cannot divide by zero.</span>";
        return;
    }
    result = (num1 / num2)
    break;
}

document.getElementById('result').innerText =
"Result: " + result;
}
</script>

</body>
</html>
```



Rashi Sawardekar Roll No.-31010924093

Simple Calculator

Enter first number

Enter second number

Add Subtract Multiply Divide



Rashi Sawardekar - Roll No. 31010924093

Simple Calculator

88

745

Add Subtract Multiply Divide

Result: 65560



Q5 Dynamic Price Change for a Sweater – JavaScript program to change the price of a sweater based on the weather and toggle its description.

```
<!doctype html>
<html>
<head>
</head>
<body>
<h1>Rashi Sawardekar Roll no.-31010924093</h1>
<h1>sweater</h1>

<p id="price">price=659</p>
<button type="button"
onclick='document.getElementById("price").innerHTML="p
rice=450 "'>summer</button>
```

```
<button type="button"
onclick='document.getElementById("price").innerHTML="price=650">winter</button>
<div id="myDIV" style="display:none">A sweater is a piece
of clothing that covers the upper body and is typically worn
for warmth.<br> Sweaters are usually made from wool,
cotton, or synthetic fibers,<br> and can be long-sleeved
or short-sleeved.</div>
<br>
<br>
</button>
```

```
<script>
function myFunction() {
    var x = document.getElementById("myDIV");
    if (x.style.display === "block") {
        x.style.display = "none";
    } else {
        x.style.display = "block";
    }
}
</script>
```

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



Rashi Sawardekar Roll no.-31010924093

sweater



price=450



Rashi Sawardekar Roll no.-31010924093

sweater



price=650



Q6 Displaying and Hiding Descriptions for Multiple Boxes – JavaScript program where three sections each have buttons to show or hide descriptions.

```
<!DOCTYPE html>
<html>
<head>
    <title>Rashi's Café Menu</title>
    <link rel="stylesheet" href="style.css">
</head>
<body
background="https://images.pexels.com/photos/302901/p
exels-photo-302901.jpeg" style="background-size: cover;
background-position: center; color: white; text-align:
center; font-family: Arial, sans-serif;">

<h1>Welcome to Rashi's Café</h1>
<h2>Discover our delicious coffee selections</h2>

<div class="container">

    <!-- Espresso -->
    <div class="menu-item">
        <h2>Espresso</h2>
        
```

```
<p id="coffee1" style="display:none">  
    A strong and bold coffee brewed by forcing hot  
    water through finely-ground coffee beans.
```

```
</p>  
<button type="button"  
onclick="toggleInfo('coffee1')>Click for Info</button>  
</div>
```

```
<!-- Cappuccino -->  
<div class="menu-item">  
    <h2>Cappuccino</h2>  
    
```

```
<p id="coffee2" style="display:none">  
    A delicious Italian coffee made with espresso,  
    steamed milk, and topped with milk foam.
```

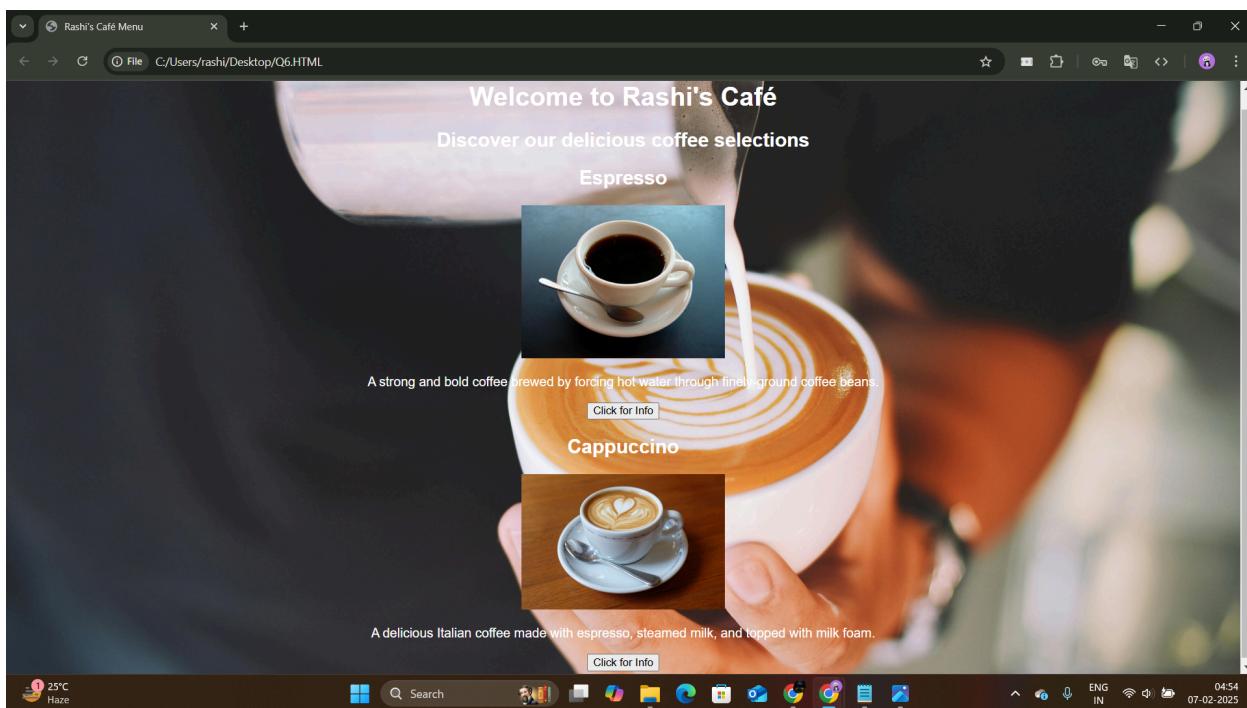
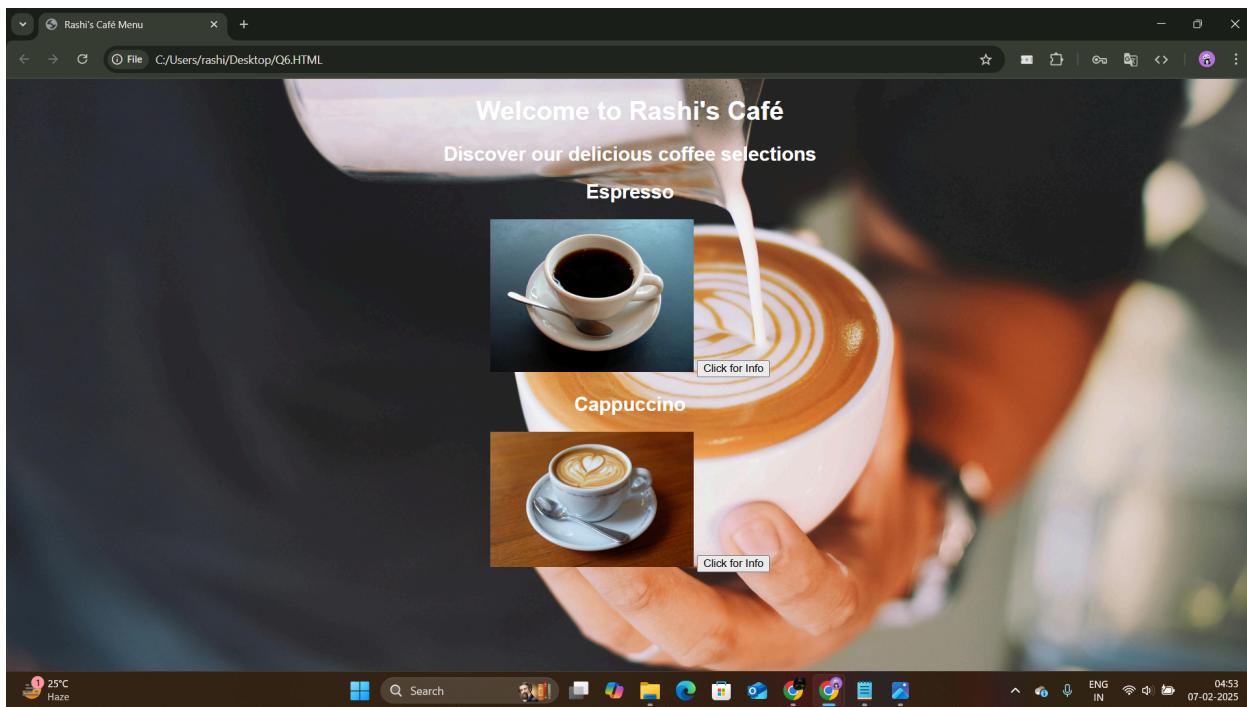
```
</p>  
<button type="button"  
onclick="toggleInfo('coffee2')>Click for Info</button>  
</div>
```

```
</div>
```

```
<script>  
function toggleInfo(id) {
```

```
var x = document.getElementById(id);
x.style.display = (x.style.display === "block") ?
"none" : "block";
}
</script>

</body>
</html>
```



Q7 Link Event Handling – JavaScript program to demonstrate events such as click, double-click, and mouse actions on a hyperlink.

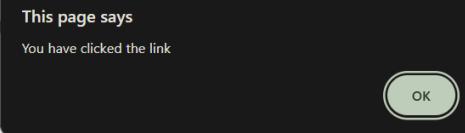
```
<!DOCTYPE html>
<html>
<head>
<title> </title>
<script type="text/javascript">
function test(x)
{
    alert(x);
}
</script>
</head>
<body>
<h1>Rashi Sawardekar Roll no.-31010924093</h1>
<h1> Testing Link Event Handling </h1>
<a href="https://www.amazon.in" onClick='test("You have
clicked the link");' //Remove onClick to use DblClick
onDblClick='test("You have double clicked the link");'
onMouseOut='test("You have moved outside the link");'
onKeyDown='test("You have pressed down the key");'>
Amazon Website </a>
</body>
</html>
```



Rashi Sawardekar Roll no.-3101092409

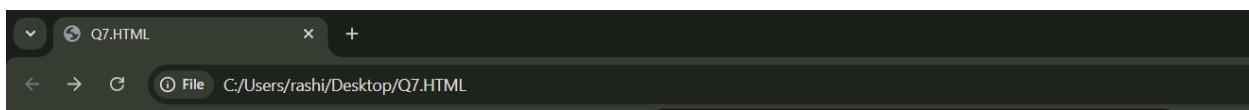
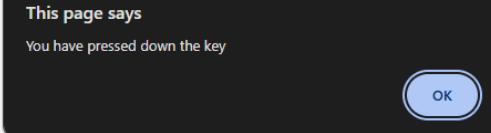
Testing Link Event Handling

[Amazon Website](#)



Testing Link Event Handling

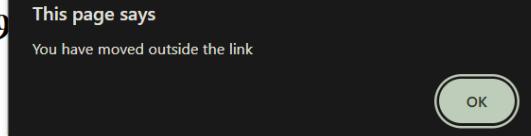
[Amazon Website](#)



Rashi Sawardekar Roll no.-3101092409

Testing Link Event Handling

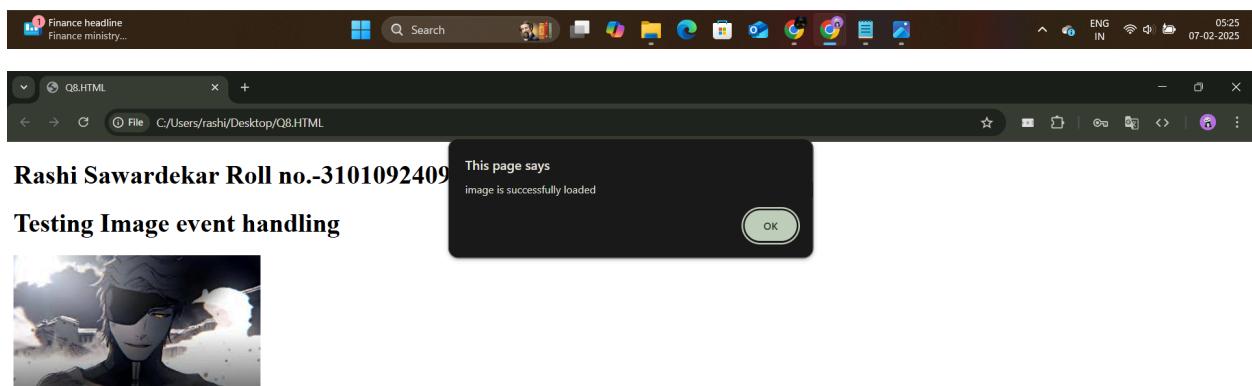
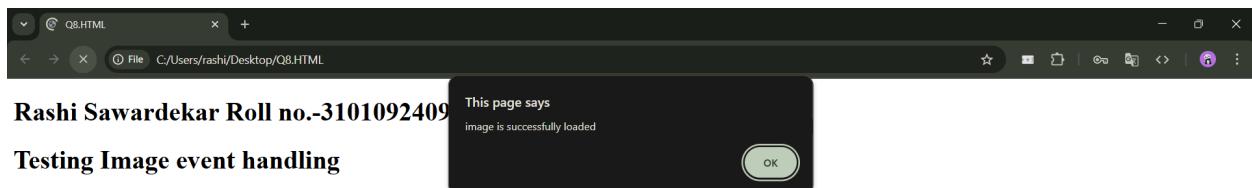
[Amazon Website](#)



The screenshot shows an Amazon.in shopping page for the OnePlus 13R smartphone. The phone is displayed prominently on the right. The top banner offers a discount of ₹46,999 starting from ₹46,999. Below the banner, there's a promotional offer for extra up to ₹4,000 off with exchange. The page features several sections: 'Pick up where you left off' showing items like FIRST MART Tempered... and REALCASE Honor 200 5...; 'Keep shopping for' showing Men's running shoes and Herbal supplements; 'Continue shopping deals' showing Lenovo tablets; and 'Categories to explore' showing Laptops and Mobile phone stylus... The bottom of the screen shows the Windows taskbar with various pinned icons and system status.

Q8 Image Event Handling – JavaScript program to handle onLoad and onError events for an image.

```
<!DOCTYPE html>
<html>
<head>
<title> </title>
</head>
<body>
<h1>Rashi Sawardekar Roll no.-31010924093</h1>
<h1> Testing Image event handling </h1>
 </img>
</body>
</html>
```



Q9 Form Submission and Reset Handling – JavaScript program to display alerts when submitting or resetting a form.

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>RASHI - Registration Form</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            display: flex;
            justify-content: center;
            align-items: center;
            height: 100vh;
```

```
background-color: #f4f4f4;
}

.container {
    background: white;
    padding: 20px;
    border-radius: 8px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    width: 800px;
    text-align: center;
}

h2 {
    margin-bottom: 10px;
}

h3 {
    margin-bottom: 20px;
}

.form-group {
    display: flex;
    flex-wrap: wrap;
    justify-content: space-between;
    align-items: center;
    text-align: left;
}

.form-group label {
    width: 48%;
    font-weight: bold;
}

.form-group input, .form-group select {
    width: 48%;
```

```
padding: 8px;  
margin: 10px 0;  
border: 1px solid #ccc;  
border-radius: 4px;  
}  
.form-group.full-width input {  
    width: 100%;  
}  
button {  
    background-color: #28a745;  
    color: white;  
    padding: 10px;  
    border: none;  
    border-radius: 4px;  
    cursor: pointer;  
    width: 100%;  
    margin-top: 10px;  
}  
button:hover {  
    background-color: #218838;  
}  
</style>  
</head>  
<body>  
<div class="container">  
    <h1>Rashi Sawardekar Roll no.-31010924093</h1>  
    <h3>Registration Form</h3>  
    <form id="registrationForm">  
        <div class="form-group">
```

```
<label for="firstName">First Name:</label>
<input type="text" id="firstName" required>
<label for="lastName">Last Name:</label>
<input type="text" id="lastName" required>
</div>
<div class="form-group">
    <label for="username">Username:</label>
    <input type="text" id="username" required>
    <label for="password">Password:</label>
    <input type="password" id="password"
required>
    </div>
    <div class="form-group">
        <label for="repassword">Re-enter
Password:</label>
        <input type="password" id="repassword"
required>
        <label for="dob">DOB:</label>
        <input type="date" id="dob" required>
    </div>
    <div class="form-group">
        <label for="gender">Gender:</label>
        <select id="gender" required>
            <option value="">Select Gender</option>
            <option value="Male">Male</option>
            <option value="Female">Female</option>
            <option value="Other">Other</option>
        </select>
        <label for="number">Phone Number:</label>
```

```
<input type="text" id="number" required>
</div>
<div class="form-group full-width">
    <label for="email">Email:</label>
    <input type="email" id="email" required>
</div>
<div class="form-group full-width">
    <label for="address">Address:</label>
    <input type="text" id="address" required>
</div>
    <button type="submit">Register</button>
</form>
<p id="message"></p>
</div>

<script>
```

```
document.getElementById('registrationForm').addEventListener('submit', function(event) {
    event.preventDefault();
    const firstName =
        document.getElementById('firstName').value;
    const lastName =
        document.getElementById('lastName').value;
    const username =
        document.getElementById('username').value;
    const password =
        document.getElementById('password').value;
```

```
const repassword =
document.getElementById('repassword').value;
const dob =
document.getElementById('dob').value;
const gender =
document.getElementById('gender').value;
const number =
document.getElementById('number').value;
const email =
document.getElementById('email').value;
const address =
document.getElementById('address').value;

if(firstName && lastName && username &&
password && repassword && dob && gender && number
&& email && address) {
    if(password !== repassword) {
        alert('Passwords do not match!');
    } else {
        alert("You are submitting the data");
        this.reset();
    }
} else {
    alert('Please fill out all fields');
}
});

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


RASHI - Registration Form

File C:/Users/rashi/Desktop/AWT/PRACTICAL%202/Q9.HTML

Rashi Sawardekar Roll no.-31010924093

Registration Form

First Name:

Last Name:

Username:

Password:

Re-enter Password:

DOB: dd-mm-yyyy

Gender:

Phone Number:

Email:

Address:



RASHI - Registration Form

File C:/Users/rashi/Desktop/AWT/PRACTICAL%202/Q9.HTML?

This page says
Passwords do not match!

First Name:

Last Name:

Username:

Password:

Re-enter Password:

DOB:

Gender:

Phone Number:

Email:

Address:



RASHI - Registration Form

File C:/Users/rashi/Desktop/AWT/PRACTICAL%202/Q9.HTML?

This page says
You are submitting the data

OK

First Name: Rashi

Last Name: Sawardekar

Username: czypotex

Password:

Re-enter Password:

DOB: 08 - 09 - 2005

Gender: Female

Phone Number: 9969627075

Email: rashisawardekar@somaiya.edu

Address: Navi Mumbai

Register



80°F Smoke

Search

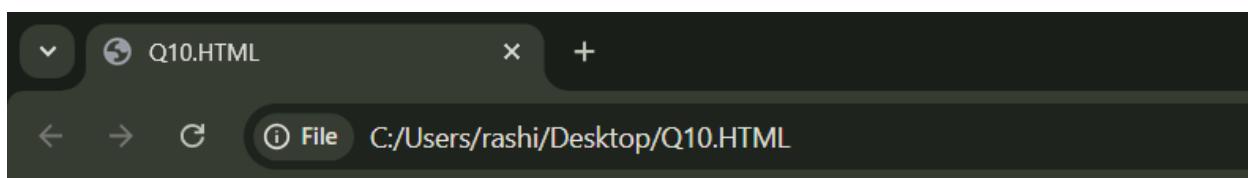
03:01

ENG IN

09-02-2025

Q10 Handling Textbox Events – JavaScript program to manage user interactions such as focus, blur, and selection in text fields.

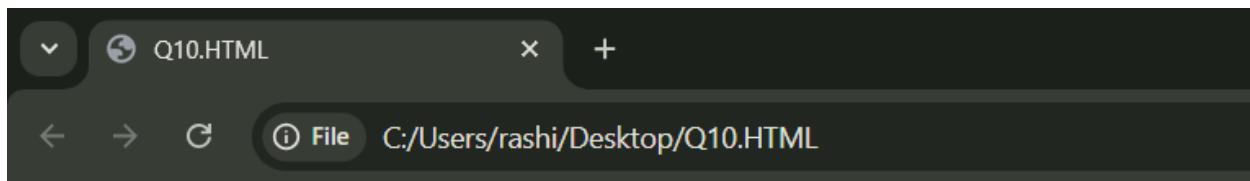
```
<html><head>
</head>
<body>
<h1>Rashi Sawardekar Roll no.-31010924093</h1>
<form onSubmit='alert("You are submitting the data");'
onReset='alert("Resetting
the data will earase all your information");'
First textbox: <input type="text" name="txt1" size=50><br>
Second Textbox:<input type="text" name="txt2" size=40
onFocus='txt1.value="2nd
textbox is focused";' onBlur='txt1.value="2nd textbox is not
focused";'
onSelect='txt1.value="text from 2nd textbox has been
selected";'><br>
</form>
</body>
</html>
```



Rashi Sawardekar Roll no.-31010924093

First textbox:

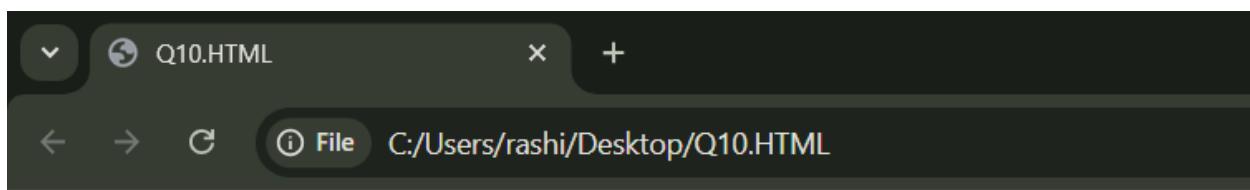
Second Textbox:



Rashi Sawardekar Roll no.-31010924093

First textbox: 2nd textbox is focused

Second Textbox: rashi



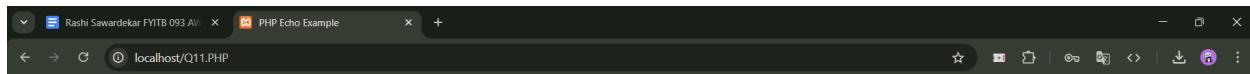
Rashi Sawardekar Roll no.-31010924093

First textbox: text from 2nd textbox has been selected

Second Textbox: rashi

Q11 Echo Statement – PHP script to display text using the echo statement.

```
<!DOCTYPE html>
<html>
<head>
<title>PHP Echo Example</title>
</head>
<body>
<h1>Rashi Sawardekar Roll No.- 31010924093</h1>
<h1>PHP Echo Statement Example</h1>
<?php
echo "Hello, World! Hello Rashi";
?>
</body>
</html>
```



Rashi Sawardekar Roll No.- 31010924093

PHP Echo Statement Example

Hello, World! Hello Rashi



Q12 Prime Number Check Using GET Method – PHP

script to determine if a number is prime, using the GET method.

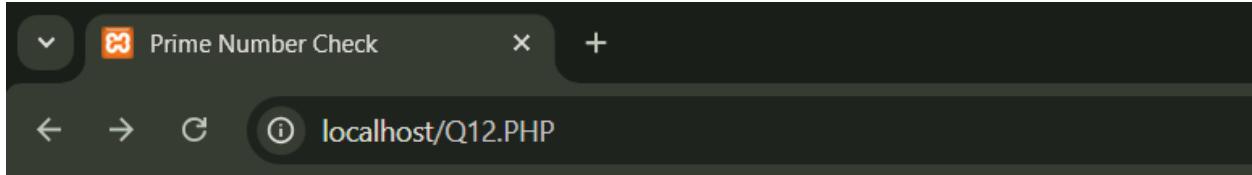
```
<!DOCTYPE html>
<html>
<head>
    <title>Prime Number Check</title>
</head>
<body>
    <h1>Rashi Sawardekar Roll No.- 31010924093</h1>
    <h2>Prime Number Check</h2>
    <form method="GET">
        Enter a number: <input type="number" name="num" required>
        <input type="submit" value="Check">
    </form>
    <?php
if (isset($_GET['num'])) {
    $num = $_GET['num'];
    $is_prime = true;

    if ($num < 2) {
        $is_prime = false;
    } else {
        for ($i = 2; $i <= sqrt($num); $i++) {
            if ($num % $i == 0) {
                $is_prime = false;
                break;
            }
        }
    }
}
```

```

        }
    }
    echo "<p>$num is " . ($is_prime ? "a prime number." :
"not a prime number.") . "</p>";
}
?>
</body>
</html>

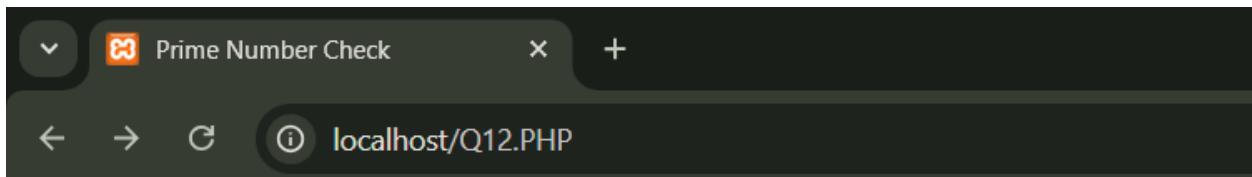
```



Rashi Sawardekar Roll No.- 31010924093

Prime Number Check

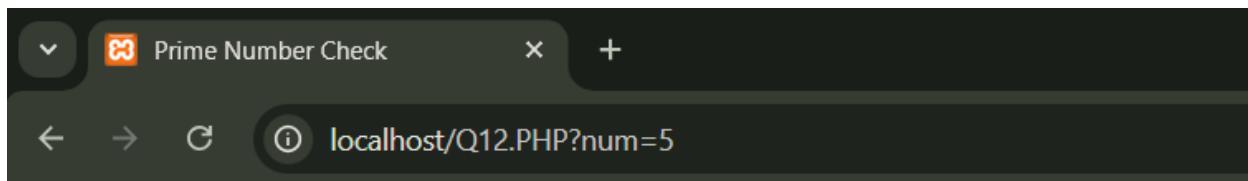
Enter a number:



Rashi Sawardekar Roll No.- 31010924093

Prime Number Check

Enter a number:

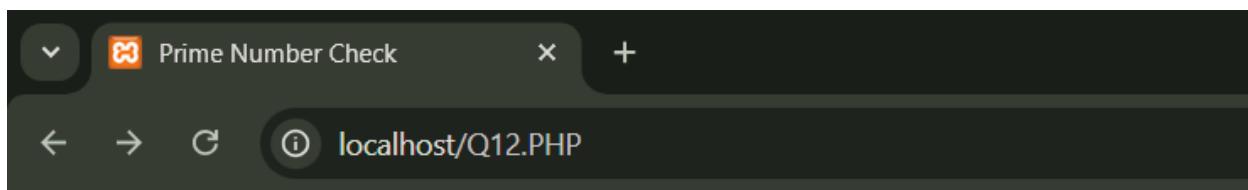


Rashi Sawardekar Roll No.- 31010924093

Prime Number Check

Enter a number:

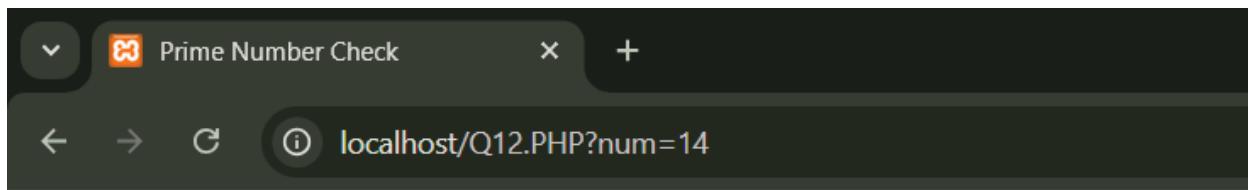
5 is a prime number.



Rashi Sawardekar Roll No.- 31010924093

Prime Number Check

Enter a number:



Rashi Sawardekar Roll No.- 31010924093

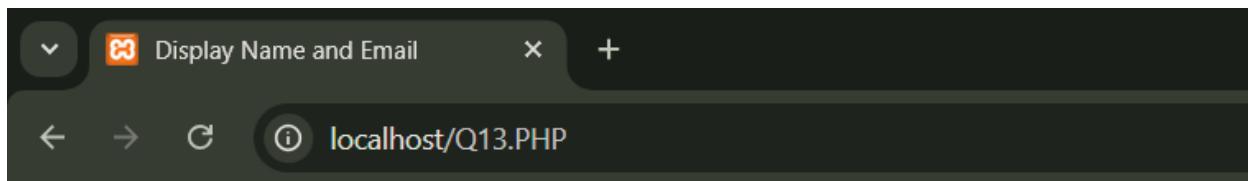
Prime Number Check

Enter a number:

14 is not a prime number.

**Q13 Displaying Name and Email Using POST Method –
PHP script to retrieve and print user-entered name
and email using the POST method.**

```
<!DOCTYPE html>
<html>
<head>
    <title>Display Name and Email</title>
</head>
<body>
    <h1>Rashi Sawardekar Roll No.- 31010924093</h1>
    <h2>Enter Name and Email</h2>
    <form method="POST">
        Name: <input type="text" name="name" required><br><br>
        Email: <input type="email" name="email" required><br><br>
        <input type="submit" value="Submit">
    </form>
    <?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $name = $_POST['name'];
    $email = $_POST['email'];
    echo "<h3>Entered Details:</h3>";
    echo "Name: $name <br>";
    echo "Email: $email <br>";
}
?>
</body>
</html>
```

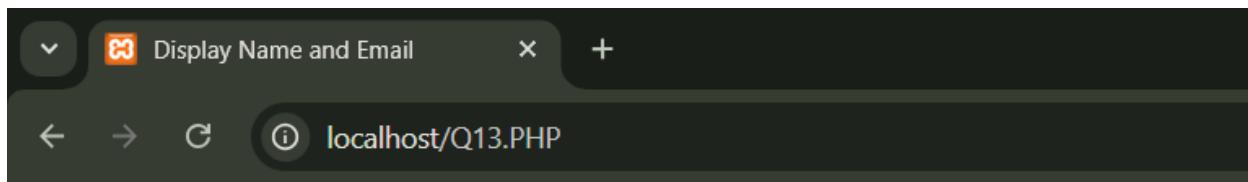


Rashi Sawardekar Roll No.- 31010924093

Enter Name and Email

Name:

Email:

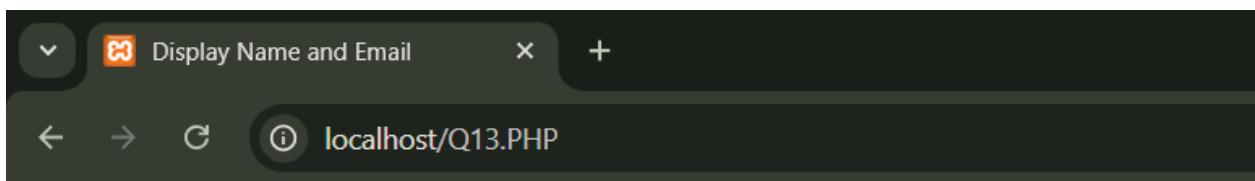


Rashi Sawardekar Roll No.- 31010924093

Enter Name and Email

Name:

Email:



Rashi Sawardekar Roll No.- 31010924093

Enter Name and Email

Name:

Email:

Entered Details:

Name: Rashi Sawardekar

Email: rashি.sawardekar@somaiya.edu

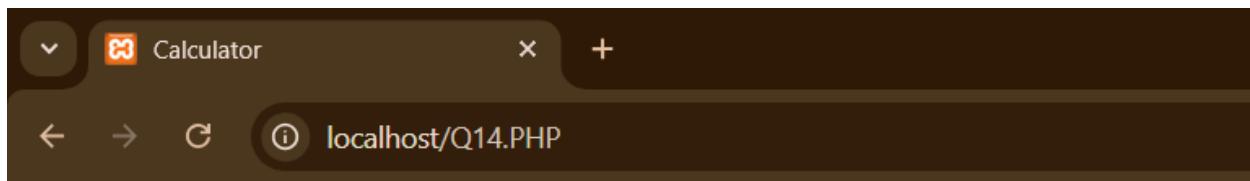
Q14 Calculator Using POST Method – PHP script to perform arithmetic operations based on user input through the POST method.

```
<!DOCTYPE html>
<html>
<head>
    <title>Calculator</title>
</head>
<body>
    <h1>Rashi Sawardekar Roll No.- 31010924093</h1>
    <h2>Simple Calculator</h2>
    <form method="POST">
        Number 1: <input type="number" name="num1" required><br><br>
        Number 2: <input type="number" name="num2" required><br><br>
        Operation:
        <select name="operation">
            <option value="add">Addition (+)</option>
            <option value="sub">Subtraction (-)</option>
            <option value="mul">Multiplication (*)</option>
            <option value="div">Division (/)</option>
        </select>
        <br><br>
        <input type="submit" value="Calculate">
    </form>
    <?php
    if ($_SERVER["REQUEST_METHOD"] == "POST") {
        $num1 = $_POST['num1'];

```

```
$num2 = $_POST['num2'];
$operation = $_POST['operation'];
$result = 0;

switch ($operation) {
    case "add":
        $result = $num1 + $num2;
        break;
    case "sub":
        $result = $num1 - $num2;
        break;
    case "mul":
        $result = $num1 * $num2;
        break;
    case "div":
        $result = $num2 != 0 ? $num1 / $num2 :
        "Cannot divide by zero";
        break;
    }
echo "<h3>Result: $result</h3>";
}
?>
</body>
</html>
```



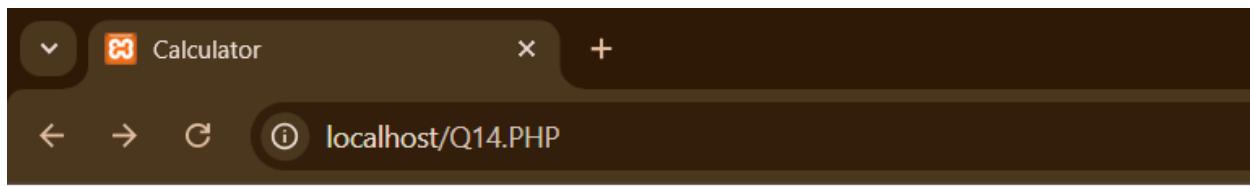
Rashi Sawardekar Roll No.- 31010924093

Simple Calculator

Number 1:

Number 2:

Operation:



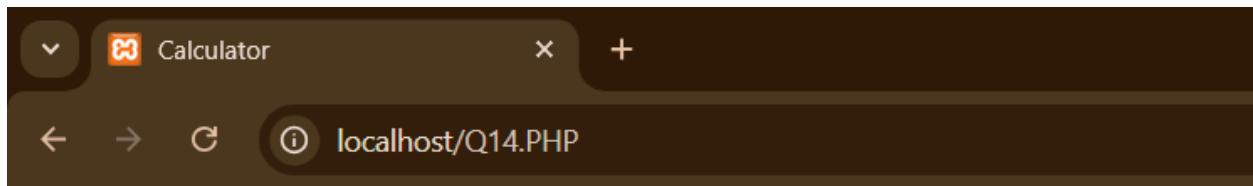
Rashi Sawardekar Roll No.- 31010924093

Simple Calculator

Number 1:

Number 2:

Operation:



Rashi Sawardekar Roll No.- 31010924093

Simple Calculator

Number 1:

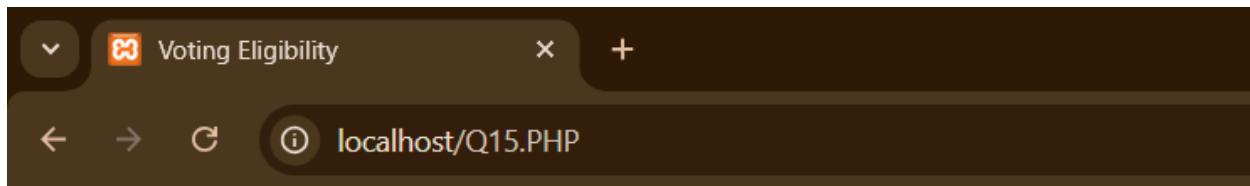
Number 2:

Operation:

Result: 1232

Q15 Voting Eligibility Check Using If-Else – PHP script to check if a person is eligible to vote based on their age.

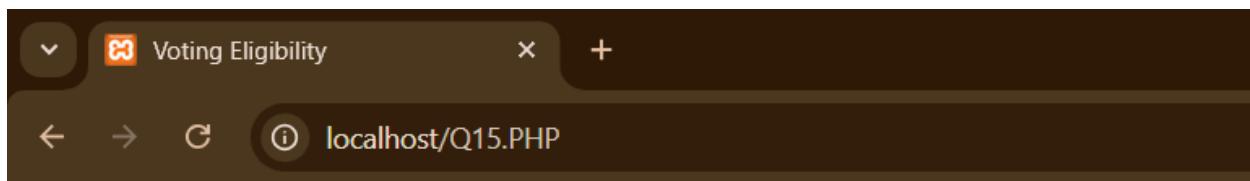
```
<!DOCTYPE html>
<html>
<head>
    <title>Voting Eligibility</title>
</head>
<body>
    <h1>Rashi Sawardekar Roll No.- 31010924093</h1>
    <h2>Check Voting Eligibility</h2>
    <form method="POST">
        Enter Age: <input type="number" name="age" required><br><br>
        <input type="submit" value="Check">
    </form>
    <?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $age = $_POST['age'];
    if ($age >= 18) {
        echo "<h3>You are eligible to vote.</h3>";
    } else {
        echo "<h3>You are not eligible to vote.</h3>";
    }
}
?>
</body>
</html>
```



Rashi Sawardekar Roll No.- 31010924093

Check Voting Eligibility

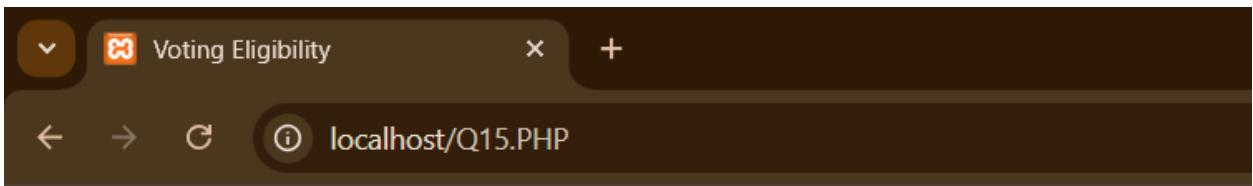
Enter Age:



Rashi Sawardekar Roll No.- 31010924093

Check Voting Eligibility

Enter Age:



Rashi Sawardekar Roll No.- 31010924093

Check Voting Eligibility

Enter Age:

You are eligible to vote.

Q16 SQL Connection – PHP script to establish a connection to a MySQL database.

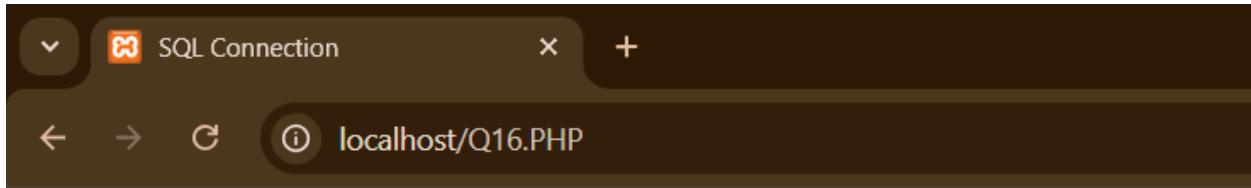
```
<!DOCTYPE html>
<html>
<head>
    <title>SQL Connection</title>
</head>
<body>
    <h1>Rashi Sawardekar Roll No.- 31010924093</h1>
    <h2>Database Connection Status</h2>
    <?php
        $servername = "localhost";
        $username = "root";
        $password = "";
        $dbname = "contact_db";

        // Create connection
        $conn = new mysqli($servername, $username,
        $password, $dbname);

        // Check connection
        if ($conn->connect_error) {
            die("<p>Connection failed: " . $conn->connect_error .
        "</p>");
        }
        echo "<p>Connected successfully to the
        database.</p>";

        // Close connection
```

```
$conn->close();  
?>  
</body>  
</html>
```



Rashi Sawardekar Roll No.- 31010924093

Database Connection Status

Connected successfully to the database.

contact.php

```
<?php  
include 'cdb.php'; // Include database connection  
  
if ($_SERVER["REQUEST_METHOD"] == "POST") {  
    $name = htmlspecialchars($_POST['name']);  
    $email = filter_var($_POST['email'],  
FILTER_SANITIZE_EMAIL);  
    $rating = intval($_POST['rating']); // Ensure it's an  
integer  
    $message = htmlspecialchars($_POST['message']);  
  
    // Prepare SQL statement to prevent SQL Injection
```

```
$stmt = $conn->prepare("INSERT INTO contacts
(name, email, rating, message) VALUES (?, ?, ?, ?)");
$stmt->bind_param("ssis", $name, $email, $rating,
$message); // s = string, i = integer

if ($stmt->execute()) {
    $success = "Message sent successfully!";
} else {
    $error = "Failed to send message. Please try again.";
}

$stmt->close();
$conn->close();
}
?>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Contact Us - Cz Café</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>
<style>
    /* Navbar styling */
```

```
.navbar {  
    display: flex;  
    align-items: center;  
    justify-content: space-between;  
  
    padding: 10px 20px;  
}  
  
/* Logo Styling */  
.logo img {  
    height: 100px;  
    width: auto;  
}  
  
/* Title Styling */  
.title {  
    font-size: 30px;  
    font-weight: bold;  
    margin-left: 2px;  
    flex-grow: 1;  
    text-align: center;  
}  
  
/* Navigation Menu Styling */  
nav {  
    display: flex;  
    gap: 5px;  
}
```

```
nav a {  
    text-decoration: none;  
  
    font-weight: bold;  
    padding: 8px 12px;  
    transition: background-color 0.3s ease;  
}  
  
nav a:hover {  
  
    border-radius: 5px;  
}  
  
</style>
```

```
</head>  
<body>  
<style>  
/* Navbar styling */  
.navbar {  
    display: flex;  
    align-items: center;  
    justify-content: space-between;  
  
    padding: 10px 20px;  
}
```

```
/* Logo Styling */  
.logo img {
```

```
height: 100px;
width: auto;
}

/* Title Styling */
.title {
    font-size: 30px;
    font-weight: bold;
    margin-left: 2px;
    flex-grow: 1;
    text-align: center;
}

/* Navigation Menu Styling */
nav {
    display: flex;
    gap: 5px;
}

nav a {
    text-decoration: none;

    font-weight: bold;
    padding: 8px 12px;
    transition: background-color 0.3s ease;
}

nav a:hover {
```

```
border-radius: 5px;  
}  
  
</style>  
  
</head>  
<body>  
    <header>  
        <div class="navbar">  
            <a href="index.html" class="logo">  
                  
            </a>  
            <h1 class="title">Czyprotex Sips & Snaps</h1>  
            <nav>  
                <a  
                    href="http://localhost/register.php">Register</a>  
                <a href="http://localhost/login.php">Login</a>  
                <a href="index.html">Home</a>  
                <a href="menu.html">Menu</a>  
                <a href="about.html">About Us</a>  
                <a href="gallery.html">Gallery</a>  
                <a href="events.html">Events</a>  
                <a href="blog.html">Blog</a>  
                <a  
                    href="http://localhost/contact.php">Contact</a>  
            </nav>  
        </div>  
    </header>  
    <section>
```

We'd Love to Hear From You!

```
<?php if (isset($success)) echo "<p  
class='success'>$success</p>"; ?>  
    <?php if (isset($error)) echo "<p  
class='error'>$error</p>"; ?>  
  
<form action="" method="POST">  
    <label  
for="name"><strong>Name:</strong></label>  
        <input type="text" id="name" name="name"  
required>  
  
    <label  
for="email"><strong>Email:</strong></label>  
        <input type="email" id="email" name="email"  
required>  
  
    <label for="rating"><strong>Vibe  
check:</strong></label>  
        <select id="rating" name="rating" required>  
            <option value="5">10/10</option>  
            <option value="4">lowkey fire</option>  
            <option value="3">mid</option>  
            <option value="2">cap</option>  
            <option value="1">trash</option>  
        </select>
```

```
<label  
for="message"><strong>Message:</strong></label>  
    <input id="message" name="message"  
required></input>  
  
    <button type="submit"><strong>Send  
Message</strong></button>  
  </form>  
  <div class="map-container card">  
    <h3><strong>LOCATION DROP</strong> <3</h3>  
    <div class="map-embed">  
      <iframe  
src="https://www.google.com/maps/embed?pb=!1m18!1m  
12!1m3!1d3769.2943382175435!2d72.8553343!3d19.076  
0!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x  
3be7b7d9bc71d97d%3A0x585ecf8b34262fd5!2sMumbai  
%2C%20Maharashtra%2C%20India!5e0!3m2!1sen!2sus!4  
v1678291445619!5m2!1sen!2sus" width="30%"  
height="350" style="border:0;" allowfullscreen=""  
loading="lazy"></iframe>  
    </div>  
  </div>  
</section>  
  
<footer>  
  <p>&copy; 2005 Czyprotex Café</p>  
  <h2>Contact Information</h2>  
  <strong>Phone:</strong> +91 9969627075
```

Email: czyprotex@gmail.com

Address: Mumbai, Maharashtra, 400001, India

```
<p><a href="https://www.instagram.com/czyprotex/" target="_blank">
  
</a></p>
</footer>
</body>
</html>
```

Cbd.php

```
<?php
$servername = "localhost"; // Change this if using a
remote server
$username = "root"; // Default for XAMPP/WAMP, change
if needed
$password = ""; // Default for XAMPP/WAMP, change if
needed
$database = "contact_db"; // The name of your database

// Create connection
```

```

$conn = new mysqli($servername, $username,
$password, $database);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
?>

```

We'd Love to Hear From You!

Name: Email: Vibe check: Message:

LOCATION DROP <3

Mumbai
Maharashtra, India
[View larger map](#)

© 2005 Czprotex Café

Contact Information

Phone: +91 9999999999 Email: czprotex@gmail.com Address: Mumbai, Maharashtra, 400001, India

We'd Love to Hear From You!

Message sent successfully!

Name: Email: Vibe check: Message:

LOCATION DROP <3

Mumbai
Maharashtra, India
[View larger map](#)

© 2005 Czprotex Café

Contact Information

Phone: +91 9999999999 Email: czprotex@gmail.com Address: Mumbai, Maharashtra, 400001, India

