

WEB TECHNOLOGY

3rd ASSESSMENT

Name: Araib Khan

Branch: CSE (AI)

Section: A

Subject: Web Technology

Roll no. 2401331520047

Question 1: Student Registration Form

Code:

```
<!DOCTYPE html>

<html>

<head>

    <title>Student Registration Form</title>

</head>

<body>

    <h2>Student Registration Form</h2>

    <form id="regForm">
```

Name: <input type="text" id="name">

Email: <input type="text" id="email">

Mobile Number: <input type="text" id="mobile">

Age: <input type="number" id="age">

Course:

<select id="course">

<option value="">Select</option>

<option>B.Tech</option>

<option>MCA</option>

<option>BCA</option>

</select>

Password: <input type="password" id="password">

<input type="submit" value="Register">

</form>

<script>

```
document.getElementById("regForm").addEventListener("submit", function(event) {  
    event.preventDefault();
```

```
    let name = document.getElementById("name").value;
```

```
    let email = document.getElementById("email").value;
```

```
    let mobile = document.getElementById("mobile").value;
```

```
    let age = document.getElementById("age").value;
```

```
    let course = document.getElementById("course").value;
```

```
    const password = document.getElementById("password").value;
```

```
if (name === "" || email === "" || mobile === "" || age === "" || course === "" || password ===
"") {

    alert("All fields are mandatory!");

    return;

}
```

```
let emailPattern = /^[^ ]+@^[^ ]+\.[a-z]{2,3}$/;

if (!email.match(emailPattern)) {

    alert("Invalid Email Format!");

    return;

}
```

```
if (mobile.length !== 10 || isNaN(mobile)) {

    alert("Mobile number must be 10 digits!");

    return;

}
```

```
if (age <= 17) {

    alert("Age must be greater than 17!");

    return;

}
```

```
let confirmData = confirm(

    "Confirm Details:\n" +

    "Name: " + name + "\n" +

    "Email: " + email + "\n" +
```

```

        "Mobile: " + mobile + "\n" +

        "Age: " + age + "\n" +

        "Course: " + course

    );

    if (confirmData) {

        alert("Registration Successful!");

    }

});

</script>

</body>

</html>

```

OUTPUT:

The image shows a web form titled "Student Registration Form" on a dark gray background. The form contains the following fields and controls:

- Name:
- Email:
- Mobile Number:
- Age:
- Course:
- Password:
-

Overlaid on the right side of the form is a white alert dialog box titled "This page says". It contains the text "Confirm Details:" followed by the registered information:

- Name: Araib Khan
- Email: khanaraib81@gmail.com
- Mobile: 7905406217
- Age: 19
- Course: B.Tech

At the bottom right of the alert box are two buttons: "OK" (in a blue rounded rectangle) and "Cancel" (in a light blue rounded rectangle).

Question 2: JavaScript Array Operations

CODE:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <title>Array Operations</title>
```

```
</head>
```

```
<body>
```

```
<script>
```

```
let numbers = [5, 10, 15, 20];
```

```
let text = "Array Elements:\n";
```

```
for (let i = 0; i < numbers.length; i++) {
```

```
  text += numbers[i] + "\n";
```

```
}
```

```
const sumArray = (arr) => {
```

```
  let sum = 0;
```

```
  for (let n of arr) {
```

```
    sum += n;
```

```
  }
```

```
  return sum;
```

```
};
```

```
let total = sumArray(numbers);
```

```
let updatedArray = [...numbers, 25, 30];
```

```
text += "\nSum of Array: " + total;

text += "\nUpdated Array: " + updatedArray;

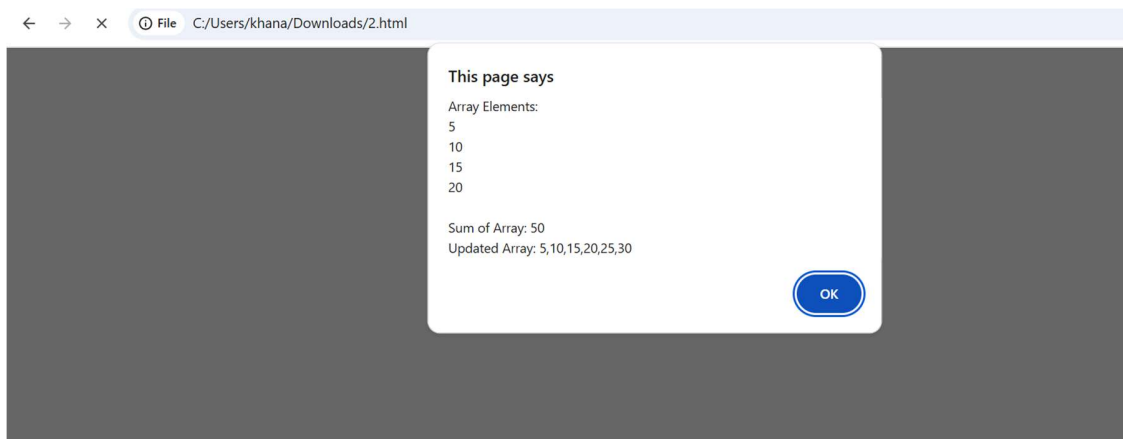
alert(text);

</script>

</body>

</html>
```

OUTPUT:



Question 3: Login System using PHP & MySQL

CODE:

Login.PHP/HTML

```
<?php

$conn = new mysqli("localhost", "root", "", "studentdb");

if ($conn->connect_error) {

    die("Database Connection Failed");

}
```

```
$email = "admin@gmail.com";
```

```
$password = "12345";
```

```
$sql = "SELECT * FROM users WHERE email='$email' AND password='$password'";
```

```
$result = $conn->query($sql);
```

```
if ($result->num_rows > 0) {
```

```
    echo "Login Successful<br><br>";
```

```
} else {
```

```
    echo "Invalid Login<br><br>";
```

```
}
```

```
$filename = "sample.txt";
```

```
$file = fopen($filename, "w");
```

```
fwrite($file, "Login status checked successfully.\n");
```

```
fwrite($file, "File handling program executed.\n");
```

```
fclose($file);
```

```
echo "File written successfully.<br><br>";
```

```
$file = fopen($filename, "r");
```

```
echo "File Content:<br>";
```

```
while (!feof($file)) {
```

```
    echo fgets($file) . "<br>";
```

```
}  
  
fclose($file);  
  
$file = fopen($filename, "a");  
fwrite($file, "Additional data appended.\n");  
fclose($file);  
  
echo "<br>Data appended successfully.";  
  
$conn->close();  
?>
```

OUTPUT:

Login

Please fill in your credentials to login.

Username

Password

Login

Don't have an account? [Sign up now.](#)

MySQL Table:

```
CREATE TABLE users (  
    id INT AUTO_INCREMENT PRIMARY KEY,  
    email VARCHAR(50),  
    password VARCHAR(50)
```



```
);
```

```
INSERT INTO users (email, password)
VALUES ('admin@gmail.com', '12345');

CREATE TABLE users (
    id INT AUTO_INCREMENT PRIMARY KEY,
    email VARCHAR(50),
    password VARCHAR(50)
);
```

OUTPUT:

```
Output:
Program Started<br>Login Successful<br>File written successfully<br>File Content:<br>First line written.
<br>Second line written.
<br><br>Data appended successfully<br>Program Ended
```

Question 4: PHP File Handling

Code:

```
<?php
echo "Program Started<br><br>";
```

```
$filename = "sample.txt";
```

```
$file = fopen($filename, "w");  
  
fwrite($file, "This is first line.\n");  
  
fwrite($file, "This is second line.\n");  
  
fclose($file);
```

```
echo "File written successfully.<br><br>";
```

```
$file = fopen($filename, "r");  
  
echo "File Content:<br>";  
  
while (!feof($file)) {  
    echo fgets($file) . "<br>";  
}  
  
fclose($file);
```

```
$file = fopen($filename, "a");  
  
fwrite($file, "This line is appended.\n");  
  
fclose($file);
```

```
echo "<br>Data appended successfully.<br>";  
  
echo "Program Ended";  
  
?>
```



Student Registration

Name:

Father Name:

Mother Name:

Email:

Password:

Contact:

Gender: ☐ Male ☐ Female

Address:

Roll No:

Course:

Branch:

Year:

Semester:

College Name:

College Address:

Date of Birth:



Student Registration

Name:

Father Name:

Mother Name:

Email:

Password:

Contact:

Gender: ☐ Male ☐ Female

Address:

Roll No:

Course:

Branch:

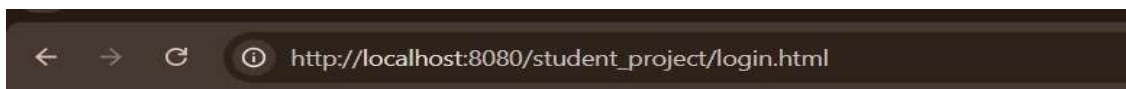
Year:

Semester:

College Name:

College Address:

Date of Birth:



Login

Email:

Password: