

WEB TECHNOLOGY

3rd ASSESSMENT

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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
);

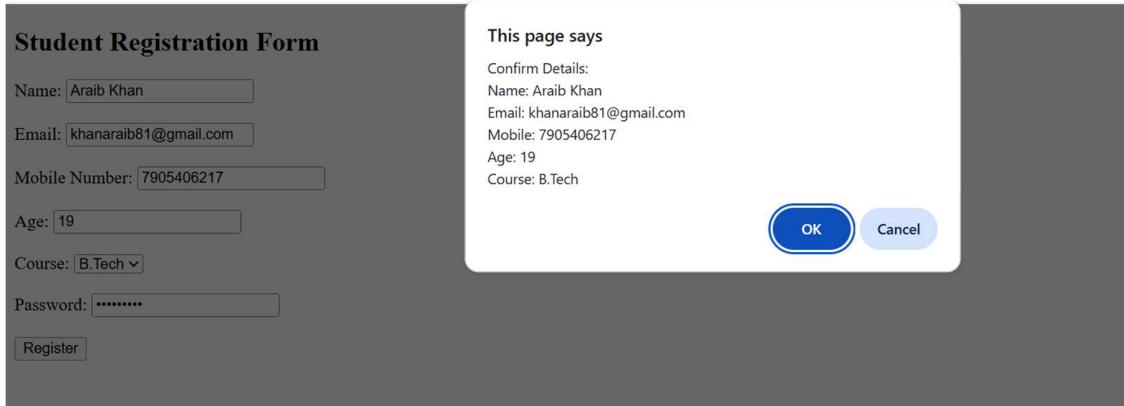
if(confirmData) {
    alert("Registration Successful!");
}
});

</script>

</body>
</html>

```

OUTPUT:



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);

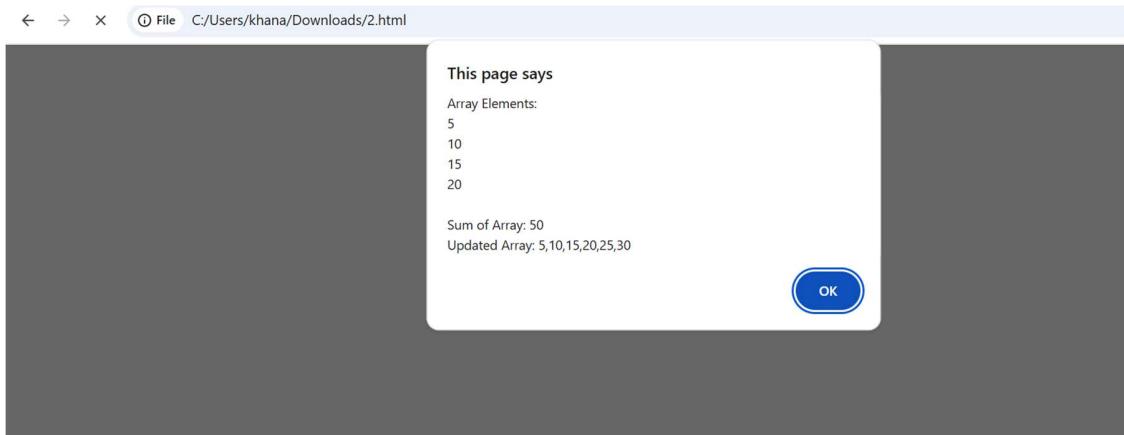
let updatedArray = [...numbers, 25, 30];
```

```
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";
?>
```

http://localhost:8080/student_project/register.html

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: dd-mm-yyyy

http://localhost:8080/student_project/register.html

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: dd-mm-yyyy

http://localhost:8080/student_project/login.html

Login

Email:

Password: