

Experiment 21

Write a HTML provide to divide the web page into various frames using frameset tag instead of body tag.

Aim:

To create a webpage using the `<frameset>` tag instead of the `<body>` tag.

procedure:

→ create an HTML file using `<frameset>`

→ define columns or rows within

`<frameset>`

→ use `<frame>` tag to include the page.

program:

```
<!doctype html>
```

```
<html>
```

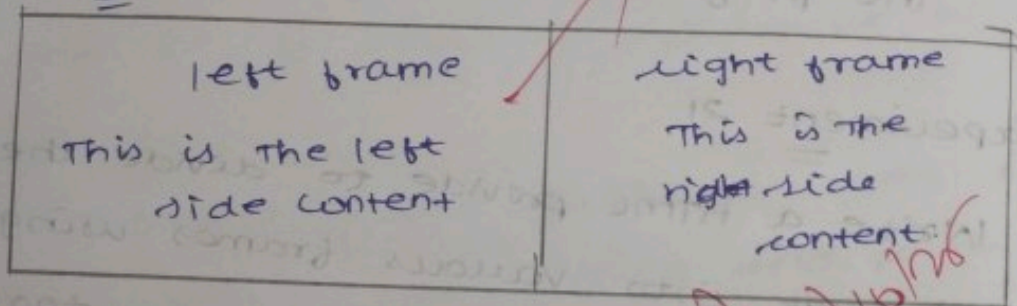


```

<frameset cols = "50% , 50%">
  <frame src = "left.html">
  <frame src = "right.html">
</frameset>
</html>

```

output:



Result:

The program is executed successfully

Experiment - 22

Create a webpage to embed the multimedia element with audio and video controls on it.

Aim:

To create a web page with embedded audio and video elements.

procedure:

- create an HTML file
- use <audio> and <video> tag with controls attribute.

program :

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title> Multimedia </title>
```

```
</head>
```

```
<body>
```

```
<h2> Audio and video example </h2>
```

```
<audio controls>
```

```
</audio>
```

```
<br><br>
```

```
<video width="320" height="240" controls>
```

```
</video>
```

```
</body>
```

```
</html>
```

output :

Audio and video Example

0:00/0:00

0:00

0:00

20/11/2026

Result :

The program executed successfully.

Experiment 23

Create a servlet program to display confirmed dishes which are selected by the user in hotel management.

Aim:

To use a servlet for processing and displaying selected menu items

procedure:

→ create an HTML form with checkboxes

→ write a servlet to retrieve selected item.

program:

```
<!DOCTYPE html>
<html>
<head> <title> menu selection
</title> </head>
<body>
<form action = "Dish servlet"
method = "post">
<input type = "checkbox" name = "dish">
</form>
</body>
</html>
```

```
import java.io.*;
```

```
import javax.servlet.*;
```

```
import javax.servlet.http;
```

```
String[] dishes = request.getParameter.
```

Output:

select dishes :

☒ pizza

☐ Burger

☐ pasta

confirmed dishes :

pizza.

11/10/20

Result:

The program is executed successfully.

Experiment 24

Write a program using Javascript and display the date and time object on the HTML document.

Aim:

To display current date and time using Javascript.

procedure:

- create an HTML page
- Use Javascript to get and display the current date and time.

Program:

```
<!DOCTYPE HTML>
```

```
<HTML>
```

```
<head>
```

```
<title> Date and time </title>
```

```
</head>
```

```
<body>
```

```
<h2> Current date and time </h2>
```

```
<p id="datetime"></p>
```

```
<script>
```

```
</script>
```

```
</body>
```

```
</html>
```

Output:

Current date and Time

Sat Sep 27 2025 13:40:24 GMT+0530

(India standard time).

Result:

The program executed successfully.

Anil 10/12/24

Program:

```
<!DOCTYPE HTML>
```

```
<HTML>
```

```
<head>
```

```
<title> Date and time </title>
```

```
</head>
```

```
<body>
```

```
<h2> Current date and time </h2>
```

```
<p id="datetime"></p>
```

```
<script>
```

```
</script>
```

```
</body>
```

```
</html>
```

Output:

Current date and Time

Sat Sep 27 2025 13:40:24 GMT+0530

(India standard time).

Result:

The program executed successfully.

Anil 10/12/24

Experiment 25

Write a program using the string object in HTML document which include 1) character 2) specified 3) string 4) convert unicode 5) string to uppercase.

Aim:

to demonstrate different string methods in javascript.

procedure:

→ create a javascript block in HTML

→ use string method such as charAt()

charAt(), concat(), string from charcode(), and to uppercase.

program:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<body>
```

```
<title> string operation </title>
```

```
</head>
```

```
<h2> Javascript operation </h2>
```

```
<script>
```

```
let str = "hello"
```

```
let str = "world";
```

```
document.write(" uppercase:
```

```
" str.toUpperCase() +
```

```
" <br/>";
```


</script>

</body>

</html>.

output:

Javascript string operations.

Char at 1: e

unicode at 1: 101

Concatenated: hello world

From unicode 72: H

uppercase: HELLO

Result:

The program is executed successfully.

27/10/2026