

**31. Using Javascript, write a program to find the current Date and time of your system.**

```
<!DOCTYPE html>

<html>

<body>

<h2>Current Date and Time</h2>

<p id="currentTime"></p>

<script>

document.getElementById("currentTime").innerHTML = new Date();

</script>

</body>

</html>
```

**32. Create a web page, display the html element with more animated effects.**

```
<!DOCTYPE html>

<html>

<head>

<style>

@keyframes slidein {

    from { margin-left: 100%; width: 300% }

    to { margin-left: 0%; width: 100%; }

}

div {

    width: 100px; height: 100px; background: red;

    animation: slidein 3s infinite;

}

</style>

</head>

<body>
```

```
<div></div>
```

```
</body>
```

```
</html>
```

**33. Create a student's form registration for job portal and validate using internal Java Script.**

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<script>
```

```
function validateForm() {
```

```
    var name = document.forms["regForm"]["name"].value;
```

```
    if (name == "") {
```

```
        alert("Name must be filled out");
```

```
        return false;
```

```
    }
```

```
}
```

```
</script>
```

```
</head>
```

```
<body>
```

```
<form name="regForm" onsubmit="return validateForm()">
```

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

```
<input type="submit">
```

```
</form>
```

```
</body>
```

```
</html>
```

**34. To store multiple data items in a single variable we use a list. Describe the list of items which we use during the time of travel. Implement it in both ordered and unordered lists.**

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>

<h2>Travel Packing List</h2>
```

```
<ol>

  <li>Passport</li>

  <li>Tickets</li>

  <li>Clothes</li>

</ol>
```

```
<ul>

  <li>Toothbrush</li>

  <li>Snacks</li>

  <li>Camera</li>

</ul>
```

```
</body>

</html>
```

35. Create a HTML web page, change the position of the element relative to the parent element and relative to itself using relative positioning with a CSS file. Also display the same elements with absolute positioning with difference.

```
<!DOCTYPE html>

<html>

<head>

<style>

.parent {

  position: relative;

  height: 300px;
```

```
border: 1px solid black;
}

.relative {
    position: relative;
    top: 20px;
    left: 20px;
    background: yellow;
    width: 100px;
    height: 100px;
}

.absolute {
    position: absolute;
    top: 50px;
    left: 50px;
    background: green;
    width: 100px;
    height: 100px;
}

</style>
</head>
<body>
<div class="parent">
    <div class="relative">Relative</div>
    <div class="absolute">Absolute</div>
</div>
</body>
</html>
```

**36. Write an HTML program to add a background-image property using URL and style tag using external type of CSS.**

```
Html: <!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="style.css">

</head>

<body>

<h1>External Background Image Example</h1>

</body>

</html>
```

Css:

```
body {

    background-image: url('bg.jpg');

    background-size: cover;

    background-repeat: no-repeat;

}
```

**37. Create a JSP program to count the number of clients viewed on your website.**

```
<%@ page import="java.util.*" %>

<%

Integer count = (Integer)application.getAttribute("counter");

if(count == null) count = 0;

count++;

application.setAttribute("counter", count);

%>

<html><body>

<h2>Client Count: <%= count %></h2>
```

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

**38. Create a registration form for student database management and display the collected document by using servlet program.**

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

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

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

```
public class StudentServlet extends HttpServlet {
```

```
    public void doPost(HttpServletRequest req, HttpServletResponse res) throws IOException {
```

```
        res.setContentType("text/html");
```

```
        PrintWriter out = res.getWriter();
```

```
        String name = req.getParameter("name");
```

```
        String id = req.getParameter("id");
```

```
        out.println("<html><body>");
```

```
        out.println("<h1>Student Registration</h1>");
```

```
        out.println("<p>Name: " + name + "</p>");
```

```
        out.println("<p>ID: " + id + "</p>");
```

```
        out.println("</body></html>");
```

```
    }
```

```
}
```