**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>");**

**}**

**}**