LAB QUESTIONS – ADP

1)

<html>

<head>

<title>LAYOUT</title>

</head>

<body bgcolor="skyblue">

<center>

<h1>SRI KRISHNA COLLEGE OF TECHNOLOGY</h1>

<img src="https://i.ytimg.com/vi/HeoGI6HuBdQ/maxresdefault.jpg" alt="college" height="300" width="500">

<p>Sri Krishna College of Technology abbreviated as SKCT was established in the

year</p>

<p>of 1985. The college provides undergraduate and postgraduate courses such as

BE/</p>

<p>B.Tech,ME/ M.Tech, MCA, and MBA under 7 different specializations.</p>

<br>

<p> Learn more about the SKCT on <a

href="https://en.wikipedia.org/wiki/Sri\_Krishna\_College\_of\_Engineering\_%26\_Tech

nology">Wikipedia</a></p><br>

<p> Follow us on <a

href="https://www.facebook.com/skctofficial/">Facebook</a> for updates and

news.</p>

</center>

</body>

</html>

2)

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="content-type" content="text/html; charset=utf-8" />

<title></title>

</head>

<body>

<form>

<fieldset>

<legend>Personal Details</legend><br>

<label>First Name:</label>

<input type="text"><br><br>

<label>Last Name:</label>

<input type="text"><br><br>

<label>Gender:</label>

<input type="radio"> Male

<input type="radio"> Female <br><br>

<label>E- mail:</label>

<input type="email"><br><br>

<label>Date of Birth:</label>

<input type="date"><br><br>

<label>Address:</label><br>

<textarea rows="2" cols="20"></textarea><br><br>

<input type="submit">

</form>

</body>

</html>

3)

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="content-type" content="text/html; charset=utf-8" />

</head>

<body>

<table border="1">

<tr>

<th colspan="6"> Time Table</th>

</tr>

<tr>

<th rowspan="6">Hours</th>

<th>Mon</th>

<th>Tue</th>

<th>Wed</th>

<th>Thu</th>

<th>Fri</th>

</tr>

<tr>

<td> C Programming</td>

<td> Java Programming</td>

<td> Python Programming</td>

<td>ADP</td>

<td>Problem Solving in C++</td>

</tr>

<tr>

<td>Linux</td>

<td> Shell Script</td>

<td> Type Script</td>

<td> C Programming</td>

<td>Java Programming</td>

</tr>

<tr>

<th colspan="5">LUNCH</th>

</tr>

<tr>

<td>C++</td>

<td>C# Programming</td>

<td>C Programming</td>

<td>Problem Solving in C++</td>

<td rowspan="2">ADP Lab</td>

</tr>

<tr>

<td> Shell Script</td>

<td> Python Programming</td>

<td>C++ Lab</td>

<td>Java Programming</td>

</tr>

</table>

</body>

</html>

</table>

4)

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="content-type" content="text/html; charset=utf-8" />

<title></title>

</head>

<body>

<ol type="I">

<li>Backgound Skills</li>

<ol type="A">

<li>Unix Commands</li>

<li>Vim Test Editors</li>

</ol>

<li>HTML</li>

<ol type="A">

<li>Minimal Page</li>

<li>Headings</li>

<li>Elements</li>

<li>Lists</li>

<ol type="i">

<li>Unordered</li>

<li>Ordered</li>

<li>Defenition</li>

<li>Nested</li>

</ol>

<li>Links</li>

<ol type="i">

<li>Absolute</li>

<li>Relative</li>

</ol>

<li>Images</li>

</ol>

<li>CSS</li>

<ol type="A">

<li>Anatomy</li>

<li>Basic Selectors</li>

<ol type="i">

<li>Element</li>

<li>Class</li>

<li> ID</li>

<li>Group</li>

</ol>

<li>The DOM</li>

<li>Advanced Selectors</li>

<li>Box Model</li>

</ol>

<li>Programming</li>

<ol type="A">

<li>Python</li>

<li>JavaScript</li>

</ol>

<li>Database</li>

<ol type="A">

<li>Flat File</li>

<li>Relational</li>

</ol>

</ol>

</body>

</html>

5)

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="content-type" content="text/html; charset=utf-8" />

<title></title>

<style>

</style>

</head>

<body>

<div class="chessboard">

<div class="black"></div>

<div class="white"></div>

<div class="black"></div>

<div class="white"></div>

<div class="black"></div>

<div class="white"></div>

<div class="black"></div>

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<div class="white"></div>

<div class="black"></div>

</div>

</body>

</html>

</body>

</html>

6)

<html>

<head>

<meta http-equiv="content-type" content="text/html; charset=utf-8" />

<title></title>

<script>

.first,.third{

border: 2px solid white;

color: white;

}

.second{

border: 12px solid white;

color: white;

}

</script>

</head>

<body>

<div class="square">

<div class="row">

<div class="first" style="background-color:blue"><p>Box 1</p></div>

<div class="first" style="background-color:red"><p>Box 2</p></div>

<div class="first" style="background-color:green"><p>Box 3</p></div>

</div>

<div class="row">

<div class="second" style="background-color:blue"><p>Box 4</p></div>

</div>

<div class="row"></div>

<div class="third" style="background-color:green"><p>Box 5</p></div>

<div class="third" style="background-color:blue"><p>Box 6</p></div>

</div>

</div>

</body>

</html>

7)

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="content-type" content="text/html; charset=utf-8" />

<title>border</title>

<style>

.dashed{

border-style: dashed;

padding: 30px;

margin: 20px;

border-color: red;

width: 65%;

color:green;

}

.double{

border-style: double;

padding: 30px;

margin: 20px;

border-color: lightblue;

width: 65%;

color:red;

font-family: Sans-Serif;

}

.round{

border-style: round;

border-radius: 2px;

padding: 30px;

margin: 20px;

border-color: palegreen;

width: 65%;

color:darkblue;

font-family: Monospace;

}

.groove{

border-style: groove;

border-radius: 2px;

padding: 30px;

margin: 20px;

border-color: purple;

width: 65%;

color:orange;

font-family: Times New Roman;

}

.inset{

border-style: inset;

border-radius: 2px;

padding: 30px;

margin: 20px;

border-color: orange;

width: 65%;

color:palegreen;

font-family: Comic Sans MS;

}

</style>

</head>

<body>

<p class="dashed">Dashed border-sans-serif-Green color</p>

<p class="double">Double border-monospace-red-color</p>

<p class="round">Rounded border-cursive-blue color</p>

<p class="groove">Groove border-impacr-orange color</p>

<p class="inset">Inset border-comic sans MS- Palegreen</p>

</body>

</html>

8)

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="content-type" content="text/html; charset=utf-8" />

<title></title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM" crossorigin="anonymous"></script>

</head>

<body>

<nav class="navbar navbar-expand-lg navbar-light bg-light">

<div class="container-fluid">

<nav class="navbar navbar-light bg-light">

<div class="container">

<a class="navbar-brand" href="#">

<img src="https://tse4.mm.bing.net/th?id=OIP.zAnihh9k5IAsvaUUbphZOgHaEJ&pid=Api&P=0&h=180" width="300" height="70">

</a>

</div>

</nav>

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarNav">

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link active" aria-current="page" href="#">Home</a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">About</a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Contact</a>

</li>

</ul>

</div>

</div>

</nav>

</body>

<h2>Sri Krishna College Of Technology</h2>

<p>Nestled at the foothills of the Western Ghats, located in a sprawiling 52-acre campus in Kovaipudur, Coimbatore, Sri Krishana College of Technology(SKCT) is a vibrant institute of higher education established in 1985 promoted by Sri Krishna Institutions.</p>

<p>An extrordinary freedom of oputunity- to explore, to collaborate and to challange oneselfis the hallmark of the institute.</p>

<p>The college offers 11 undergraduate programmes and 6 postgraduate programmes in engineering, technology, and Management Studies.</p>

</html>

9)

<!DOCTYPE html>

<html>

<head>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM" crossorigin="anonymous"></script>

</head>

<body><center>

<div class="card" style="width: 18rem;">

<img src="https://as2.ftcdn.net/v2/jpg/04/10/43/77/1000\_F\_410437733\_hdq4Q3QOH9uwh0mcqAhRFzOKfrCR24Ta.jpg" class="card-img-top" >

<div class="card-body">

<h5 class="card-title">Alice Liddel </h5>

<p class="card-text">Alice is a freelance web designer and developer based in London.She is specialized in HTML5, CSS3, JavaScript,bootstrap,etc</p>

<a href="#" class="btn btn-primary">View Profile</a>

</div>

</div></center>

</body>

</html>

10) <!DOCTYPE html>

<html>

<head>

<meta http-equiv="content-type" content="text/html; charset=utf-8" />

<title></title>

<style>

.div{

display: flex;

padding: 35% 25% 25% 25% ;

justify-content: center;

align-content: center;

}

</style>

</head>

<body>

<div><center>

<button onclick="changeColor('red')">Red</button>

<button onClick="changeColor('green')">Green</button>

<button onclick="changeColor('blue')">Blue</button>

</div>

<script>

function changeColor(color){

document.body.style.backgroundColor = color;

}

</script></center>

</body>

</html>

11) <!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Prime Number Checker</title>

</head>

<body>

<h2>Prime Number Checker</h2>

<label for="numberInput">Enter a number:</label><br>

<input type="number" id="numberInput" placeholder="Enter a number">

<br>

<button onclick="checkPrimeNumber()">Submit</button>

<h3 id="result"></h3>

<script>

function isPrimeNumber(numberInput) {

if (numberInput <= 1) {

return false;

}

for (let i = 2; i <= Math.sqrt(numberInput); i++) {

if (numberInput % i === 0) {

return false;

}

}

return true;

}

function checkPrimeNumber() {

const numberInput = document.getElementById('numberInput').value;

const resultDiv = document.getElementById('result');

if (!numberInput ) {

resultDiv.innerText = 'Please enter a valid number.';

} else {

const isPrime = isPrimeNumber(numberInput);

if (isPrime) {

resultDiv.innerText = ${numberInput} is a prime number.;

} else {

resultDiv.innerText = ${numberInput} is not a prime number.;

}

}

}

</script>

</body>

</html>

12) <!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Age Checker</title>

<script src="https://code.jquery.com/jquery-3.6.4.min.js"></script>

<style>

body {

font-family: Arial, sans-serif;

display: flex;

align-items: center;

justify-content: center;

height: 100vh;

margin: 0;

}

#age-form {

text-align: center;

}

</style>

</head>

<body>

<div id="age-form">

<form id="input-form">

<h2>check adult are not using jquery</h2><br>

<label for="age"> Enter the Age</label><br>

<input type="number" id="age" name="age" required><br>

<button type="button" id="check-age">Check Age</button><br>

</form>

</div>

<script>

$(document).ready(function() {

$("#check-age").click(function() {

// Get the entered age from the input field

var age = parseInt($("#age").val());

// Check if the entered age is valid

if (!isNaN(age)) {

// Check if the age is below 18 or 18 and above

var message = age < 18 ? "You are a Child!" : "You are an Adult!";

// Display the result in a prompt message

alert(message);

} else {

// If the entered value is not a number, show an error message

alert("Please enter a valid age.");

}

});

});

</script>

</body>

</html>