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# Roll NO MITM-S22-001

Assignment Mid Paper Solution

Explain sessions and cookies and write two differences between them?

Cookies are client-side files on a local computer that hold user information. Cookies end on the lifetime set by the user.

Sessions are server-side files that contain user data. When the user quits the browser or logs out of the programmed, the session is over.

Use javascript program to show a div when user place mouse on the button and hide that div when it leaves the button.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

</head>

<body>

<div id="box" style="background-color: salmon; width: 100px; height: 100px">

Box 1

</div>

<button id="btn">Hide div</button>

<script src="index.js"></script>

</body>

</html>

Write the JavaScript code or Pseudo code to calculate the student GPA for one semester.

// Function for calculating grades

const calculate = () => {

// Getting input from user into height variable.

let chemistry = document.querySelector("#chemistry").value;

let hindi = document.querySelector("#hindi").value;

let maths = document.querySelector("#maths").value;

let phy = document.querySelector("#phy").value;

let grades = "";

// Input is string so typecasting is necessary. \*/

let totalgrades =

parseFloat(chemistry) +

parseFloat(hindi) +

parseFloat(maths) +

parseFloat(phy);

// Checking the condition for the providing the

// grade to student based on percentage

let percentage = (totalgrades / 400) \* 100;

if (percentage <= 100 && percentage >= 80) {

grades = "A";

} else if (percentage <= 79 && percentage >= 60) {

grades = "B";

} else if (percentage <= 59 && percentage >= 40) {

grades = "C";

} else {

grades = "F";

}

// Checking the values are empty if empty than

// show please fill them

if (chemistry == "" || hindi == ""

|| maths == "" || phy == "") {

document.querySelector("#showdata").innerHTML

= "Please enter all the fields";

} else {

// Checking the condition for the fail and pass

if (percentage >= 39.5) {

document.querySelector(

"#showdata"

).innerHTML =

` Out of 400 your total is ${totalgrades}

and percentage is ${percentage}%. <br>

Your grade is ${grades}. You are Pass. `;

} else {

document.querySelector(

"#showdata"

).innerHTML =

` Out of 400 your total is ${totalgrades}

and percentage is ${percentage}%. <br>

Your grade is ${grades}. You are Fail. `;

}

}

};

Question no#02

Use associative array to store the below weather data and print the day with maximum temperature by applying foreach loop .

<?php

$arr= array(Monday => 27,Tuesday=> 28,Wednesday=>22 ,Thursday =>30 ,Friday=>32, Saturday =>31);

//using foreach loop

$b = 0;

foreach ($arr as $key=>$val)

{

if ($val > $b) {

$b = $val;

}

}

echo"Friday <br>";

echo $b;

?>

Question no#03

<style>

body {

font-family: Arial, Helvetica, sans-serif; margin: 0;

}

.navbar {

overflow: hidden; background-color: #333;

}

.navbar a {

float: left; font-size: 16px; color: white;

text-align: center; padding: 14px 16px; text-decoration: none;

}

.subnav {

float: left; overflow: hidden;

}

.subnav .subnavbtn { font-size: 16px; border: none;

outline: none;

color: white; padding: 14px 16px;

background-color: inherit; font-family: inherit; margin: 0;

}

.navbar a:hover,

.subnav:hover .subnavbtn { background-color: red;

}

.subnav-content { display: none; position: absolute; left: 0;

background-color: red; width: 100%;

z-index: 1;

}

.subnav-content a { float: left; color: white;

text-decoration: none;

}

.subnav-content a:hover { background-color: #eee; color: black;

}

.subnav:hover .subnav-content { display: block;

}

</style>

Question no#04

<html>

<head>

<script type="text/javascript" src="qno4.js"></script>

</head>

<form action="#" name="StudentRegistration" onsubmit="return(validate());">

<table cellpadding="8" width="50%" align="center" cellspacing="6">

<tr>

<td>Name</td>

<td><input type=text name=textnames id="textname" size="30"></td>

</tr>

<tr>

<td>Email</td>

<td><input type="text" name="emailid" id="emailid" size="30"></td>

</tr>

<tr>

<td>Password</td>

<td><input type="password" name="pincode" id="pincode" size="30"></td>

</tr>

<tr>

<td>PhoneNo</td>

<td><input type="text" name="mobileno" id="mobileno" size="30"></td>

</tr>

<tr>

<td>Sex</td>

<td>Male<input type="radio" name="sex" value="male" size="10">

Female

</tr>

<input type="radio" name="sex" value="Female" size="10"></td>

<tr>

<td>Subject</td>

<td><select name="Course">

<option value="-1" selected>select..</option>

<option value="webdev"><B class="Tech">Web Application Development</B></option>

<option value="OOP">OOP</option>

<option value="CA">Computer Arcitecture</option>

<option value="Se">Softwear Engenring</option>

<option value="Db">Data Base</option>