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Sl	Name of the problem	Page															
1	Create a simple HTML page which demonstrates the use of the various types of lists.																
2	Write HTML page named home.html to create a frameset with two vertical frames: the first frame is 250 pixels wide. Fill the first frame (left_vertical) with links.html. Second frame further divided into two horizontal frames (400px, 350px). Fill the Top frame (right_top) with ice.html and Bottom (right_bottom) with it.html.																
3	Create a HTML document giving details of your [Name, Age], [Address, Phone] and [Register Number, Class] aligned in proper order using alignment attributes of Paragraph tag.																
4	Create a web page for internal links; when the user clicks on different links on the webpage it should go to the appropriate locations/sections in the same page.																
5	Write HTML & CSS code for following table. <i>A test table with merged cells</i> <table><tr><td></td><td colspan="2">Average</td><td rowspan="2">Red eyes</td></tr><tr><td></td><td>height</td><td>weight</td></tr><tr><td>Males</td><td>1.9</td><td>0.003</td><td>40%</td></tr><tr><td>Females</td><td>1.7</td><td>0.002</td><td>43%</td></tr></table>		Average		Red eyes		height	weight	Males	1.9	0.003	40%	Females	1.7	0.002	43%	
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6	Write HTML for the following registration page & use CSS to beautify it as your own choice <div><div>Personal Details</div><div><div>Name:</div><div></div><div>E-mail:</div><div></div><div>Phone Number:</div><div></div><div>Password:</div><div></div><div>Gender:</div><div><div><input type="radio"/> Male</div><div><input type="radio"/> Female</div></div><div>Submit</div></div></div>																
7	Write JavaScript to validate the following fields of the Question 06 registration page. i) Name (Name should contains alphabets and the length should not be less than 6 characters). ii) E-mail (should not contain any invalid and must follow the standard patternname@domain.com). iii) Phone Number (Phone Number should contain 10 digits only). iv) Password (Password should not be less than 6 characters length).																
8	Write a JavaScript program to calculate multiplication and division of two numbers																
9	Write a JavaScript for loop that will iterate from 0 to 15. For each iteration, it will check if the current number is odd or even, and display a message to the screen.																

10	Write a PHP program to calculate Electricity bill in single page. Conditions: For units less 50 – Taka. 3.50/unit For units 51 to 100 – Taka. 4.00/unit For units 101 to 200 – Taka. 5.20/unit For units above 250 – Taka. 6.50/unit																						
11	Write a simple calculator program using PHP in single page. Operations: Addition Subtraction Multiplication Division																						
12	<p>A. Solve the following Task-1 and Task-2. Task-1: Create a database called Student in XAMPP MySQL. Task-2: Create a table called Semester_Reg in the Student database having the structure as shown below</p> <table border="1"> <thead> <tr> <th>Field name</th><th>Data type</th><th>Requirement</th></tr> </thead> <tbody> <tr> <td>ID</td><td>Number/Text</td><td>Mandatory and primary key</td></tr> <tr> <td>Name</td><td>Text</td><td>Mandatory</td></tr> <tr> <td>Session</td><td>Text</td><td>Must follow the format like 2017-2018</td></tr> <tr> <td>Phone No</td><td>Text</td><td>Optional</td></tr> <tr> <td>City</td><td>Text</td><td>For example Pabna</td></tr> <tr> <td>Gender</td><td>Text</td><td>Only (Male or Female)</td></tr> </tbody> </table> <p>B. Solve the following marked tasks. Task 3: Insert some sample data into Semester_Reg table using PHP program. Task 4: Write a PHP program to show the all records of Semester_Reg table. Task 5: Delete single sample data from Semester_Reg table using PHP program. Task 6: Update one sample data of Semester_Reg table using PHP program</p>	Field name	Data type	Requirement	ID	Number/Text	Mandatory and primary key	Name	Text	Mandatory	Session	Text	Must follow the format like 2017-2018	Phone No	Text	Optional	City	Text	For example Pabna	Gender	Text	Only (Male or Female)	
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13	<p>A. Solve the following Task-1 and Task-2. Task-1: Create a database called Programmer- in XAMPP MySQL. Task-2: Create a table called Stu_Reg in the Programmer database having the structure as shown below.</p> <table border="1"> <thead> <tr> <th>Field name</th><th>Data type</th><th>Requirement</th></tr> </thead> <tbody> <tr> <td>ID</td><td>Varchar (30)</td><td>Mandatory and primary key</td></tr> <tr> <td>Name</td><td>Text</td><td>Optional</td></tr> <tr> <td>Image</td><td>Varchar(400)</td><td>Optional</td></tr> <tr> <td>Password</td><td>Number/ Varchar (20)</td><td>Mandatory</td></tr> </tbody> </table> <p>B. Solve the following marked tasks. Task 3: Insert some sample data into Stu_Reg table including an encryption algorithm to secure the password. Task 4: Write a PHP program to show the all records of Stu_Reg table. Task 5: Delete single sample record from Stu_Reg table using PHP program</p>	Field name	Data type	Requirement	ID	Varchar (30)	Mandatory and primary key	Name	Text	Optional	Image	Varchar(400)	Optional	Password	Number/ Varchar (20)	Mandatory							
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