



**Kurdistan Region - Iraq**

**Cihan University / Sulaimaniya**

**Department: Computer Science**

**Subject: Web Development**

**First Semester**

**Date: / 12 / 2015**

**Time: 90 Minutes**

**Solution**

**Q1) Answer Both Branches.**

**A- Design and construct a WEB PAGE FORM for a Pizza Restaurant Order.**

**(13 Marks)**

Applicant Name

Delivery Address

Telephone Number

Pizza Size  small  Medium  Large

Sauce Type

left to student left to student

Comment

```

<!DOCTYPE html>

<html> <header><title> Pizza Order </title></header> <body>

<form method="POST" name="pizz_rest" action="pizz.php">

<table>

<tr>

<td>Applicant Name </td>

<td> <input name="appl_name" type="text" maxlength="30" size="30" > </td>

</tr>

<tr>

<td> Delivery Address</td>

<td> <input name="dlv_add" type="text" maxlength="50" size="50" > </td>

</tr>

<tr>

<td> Telephone Number </td>

<td> <input name="tele" type="text" maxlength="15" size="15" > </td>

```

</tr>

<tr>

<td> Pizza Size </td>

<td>

<input type="radio" name="piz\_size" value="small" > small

<input type="radio" name="piz\_size" value="Medium" > Medium

<input type="radio" name="piz\_size" value="Large" > Large

</td>

</tr>

<tr>

<td> Sauce Type</td>

<td>

<select name="Sauce">

<option> Select your Sauce </option>

<option> Buffalo </option>

<option> Barbeque </option>

<option> No Sauce </option>

<option> Red </option>

<option> White </option>

</select>

</td> </tr>

<tr>

<td> left to student</td>

<td> left to student</td>

</tr>

<tr>

<td> Comment </td>

<td> <textarea name="comt" rows="5" cols="100"> </textarea> </td>

```

</tr> </table>

<input type="submit" value="Send Order" />

<br> <input type="reset" value="Clear information">

</form> </body></html>

```

**B-** How do you plan for a website? Explain in details. **(12 Marks)**

**Sol:**

Planning Site Steps: 1-Planning. 2-Designing. 3-Coding. 4-Testing Deployment. 5-Maintaining.

**1-Planning:**

If you design any project, you have to plan the project by answering on the following questions:

- 1- What will the site do?.
- 2- Where will the site live?.
- 3- How will the site work?.
- 4- Who will the site serve?.
- 5- When will the site go live?.

**2-Designing:** coloring, styling, ways how to attract the audience for browsing. It is a task for an architecture engineer.

**3-Coding:** it is computer student's task as 100%: HTML, CSS, JS, PHP, ASP, MySQL,

**4-Testing Deployment:** how to upload the sites, hosting (free, for fees).

**5-Maintaining:** daily maintain the site, keeping from virus, link down, or updating the content of the website.

**Q2) Answer Both Branches**

**A-** Identify each part of the following web links (URL): **(13 Marks)**

- 1) <http://cses.ucsd.edu/byow/tutorial4/tutorial4.html>
- 2) <http://cihanuni-sul.com/default.aspx>
- 3) <https://php.net/manual/en/firstpage.php>

**Sol:**

	Protocol	Domain Name / IP	Folder/ Path	File
<b>1</b>	http	cses.ucsd.edu	/tutorial4	tutorial4.html
<b>3</b>	http	cihanuni-sul.com	-	default.aspx
<b>5</b>	https	php.net	manual/en/	firstpage.php

**B-** Draw the following Table in a Web Page using both HTML & CSS. **(12 Marks)**

Date	Subject	Time
Monday	Computer Network	5:30 pm
Thursday	Web Development	

Sol:

```
<!DOCTYPE html> <html><head> <title> Styling Table</title>
<style type="text/css">
table { border-collapse:collapse; border: 5px dotted black;}
</style> </head>
<body>
<table border="1">
<tr > <th> Date </th>
<th> Subject </th>
<th> Time </th> </tr>
<tr> <td> Monday </td>
<td> Computer Network </td>
<td rowspan=2> 5:30 pm </td> </tr>
<tr><td> <b>Thursday</b> </td>
<td> Web Development </td></tr>
</table> </body> </html>
```

### Q3) Answer Both Branches

A- Give the **name**, **abbreviation**, and **port number** of the computer network protocol which is responsible for: 1) Uploading website to server. 2) Browsing the website. **(10 Marks)**

Sol:

1- **ftp: file transfere protocol , 21.**

2- **http, hypertext transfer protocol. 80**

B- In a Web Page, create a red rectangle that has width =200, height=100 pixels. If a mouse hovers over the rectangle, two actions will be happened:

1) The rectangle will be rotated 3 times around itself.

2) The rectangle shape will be changed to square as width =400 and height=400 pixels. **(15 Marks)**

Sol:

```
<!DOCTYPE html>
<html><head>
<title> Transformation and Transition. </title>
<style>
div.rect{
width: 200px;
```

```

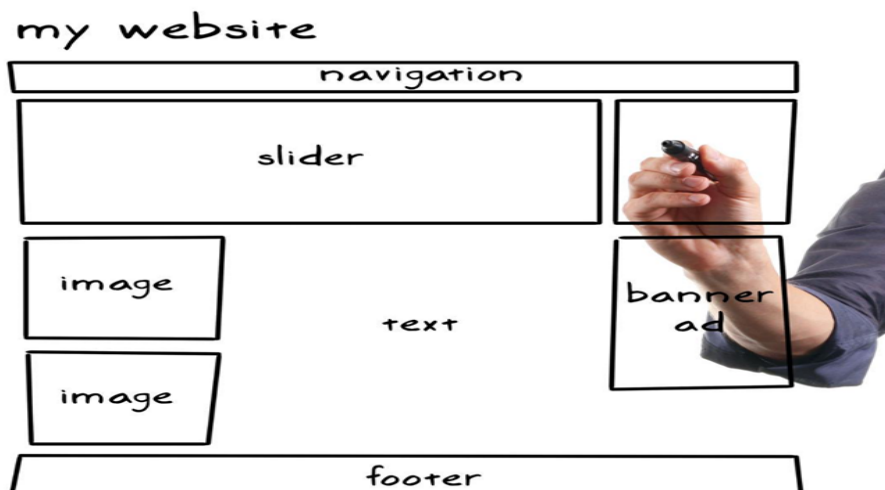
height: 100px;
background: red;
transition:width 3s, height 3s, transform 3s;
position:absolute;left:50%; top:50%; }
.rect:hover{ width:400px;height:400px;transform:rotate(1080deg);}
</style></head><body>
<div class="rect"> Rect</div>
</body> </html>

```

**Q4) Answer only TWO branches**

**(Each branch has 12.5 marks)**

**A-** What are the possible website features?.



**B-** How to set an image position to be bottom vertically and middle horizontally of the Web page?. Write a complete HTML & CSS code to show that.

```

<!DOCTYPE html>
<html> <head> <title> Image Position </title>
<style type="text/css">
img{position:absolute; top:100%; left:50%;}
</style> </head><body>

</body> </html>

```

**C-** What is the function of each one of the following codes:

- 1) <marquee> : to move an html element from left to right or opposite.
- 2) <a href="" > : to add a hyper link
- 3) text-shadow: 1px 2px 1px blue : to add a shadow to the text.