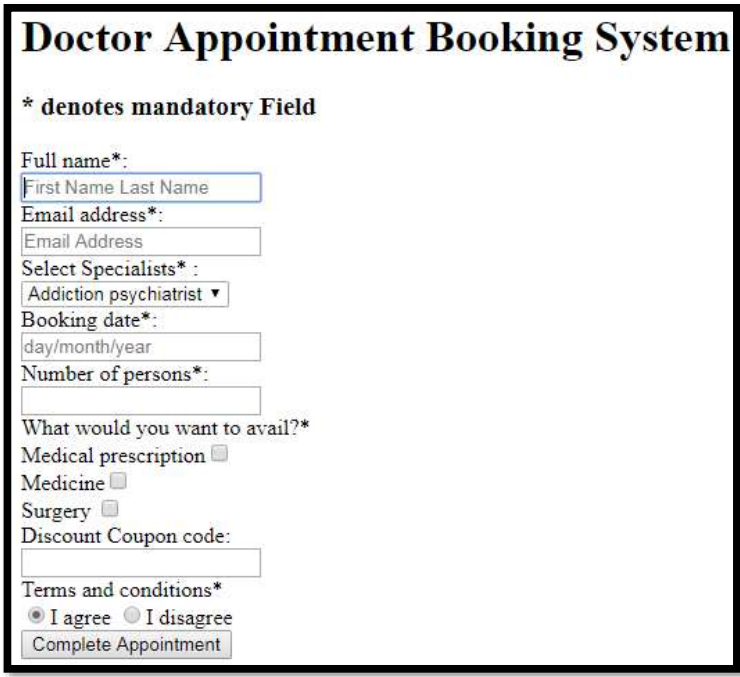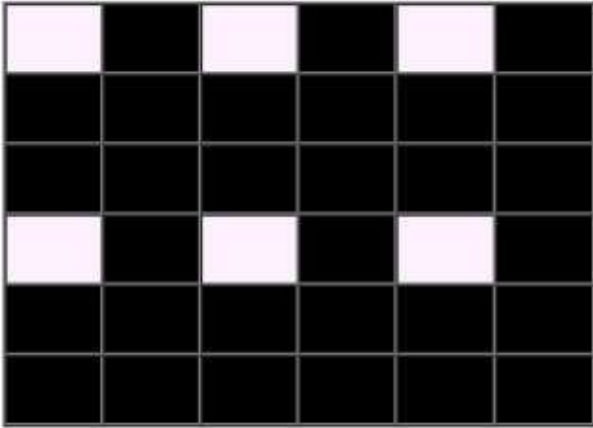**EAST WEST UNIVERSITY**
Department of Computer Science and Engineering
B.Sc. in Computer Science and Engineering Program
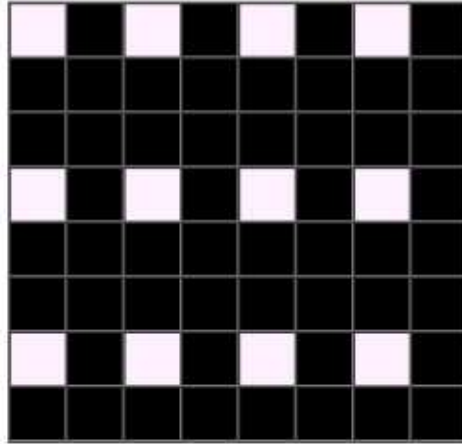**Mid Term I Examination, Fall 2020 Semester**

Course: CSE 480: Web Database Programming, Section-2, Set-0
Instructor: Mahamudul Hasan, Senior Lecturer, CSE Department
Full Marks: 30 (15 will be counted for final grading)
Time: 1 Hour and 20 Minutes

Note: There are **Five** questions, answer ALL of them. Mark of each question are mentioned at the right margin.

1.	A website is a collection of related network web resources, such as web pages, multimedia content, which are typically identified with a common domain name, and published on at least one web server. Suppose you have to design a website. **Implement** appropriate code segment to display the following information in the list for your website.
	
	HTML List
	
	Following is the list of key activities of CSE480 students:
	
	1. Learn Web Database Programming.
	2. Solve Real Life Problem Using Web Database Programming.
	
	List of Languages of CSE480
	
	• HTML
	https://html.com/
	• CSS
	"http://www.css.com"
	• JavaScript
	http://www.javascript.com
	• PHP
	www.php.net
	
	HTML
	    Hyper Text Markup Language
	XML
	    eXtensible Markup Language
	
	 Figure 1
		[CO1,C3, Mark: 4]

2.	**Book My Doctor** is a multi-functional online doctor appointment scheduling website for doctors, clinics and large hospitals. They have to develop a system which can the booking from the patients for the available doctors. You have to design this task. You have to create a form to get the patient data in a pre-defined format. In the specialists options of booking system you have to add the following criteria: "Addiction psychiatrist", "Allergist", "Cardiologist", etc. **Develop** the HTML code to create the part of Book My Doctor website for the appointment from the patient as shown in figure 2.	[CO1,C3, Mark: 8]

Figure 2

3.	Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. Suppose you need to design a website. In your website you will design a separate CSS. **Design** a class named "decoration" to implement following tasks in CSS for a div tag. a) Setting text color to yellow. b) Transforming the text into lowercase. c) Setting the font as "calibri". d) Setting a dashed border of 30 pixels with red color. e) Setting the top and right margin to 10 pixels. f) Setting color of a link to green when mouse pointer is over it.	[CO1,C4, Mark: 6]
4.	Write a program in PHP to display the pattern like a diamond. You have to take the input using a HTML form. Input: 5 Output:	[CO1,C3, Mark: 6]

```
1
212
32123
4321234
543212345
4321234
32123
212
1
```

| 5. | **Write** a PHP script that creates the following table using nested for loops. Add cellpadding="3px" and cellspacing="0px" to the table tag. Take the value n using HTML form.

For n = 6;

Board using Nested For Loop

For n= 8 | [CO1,C3, Mark: 6] |

Board using Nested For Loop

For n= 10;

Board using Nested For Loop