



Daffodil International University
Faculty of Science & Information Technology
Department of Software Engineering
Midterm Examination, Fall-2025

Course Code: SE 235 Course Title: Desktop and Web Programming

Sections & Teachers: 42 (A, B, C, D, E, F, G, H, I, J) (MHN, PAS, AG, IJC, ZNM)

Time: 1:30 Hours

Marks: 25

Answer ALL Questions

[The figures in the right margin indicate the full marks and corresponding course outcomes. All portions of each question must be answered sequentially.]

1.	a)	While making a registration form for the members of the computer club, Samin was facing difficulty to properly align all the elements of the form. Then Medha suggested him to use a table to structure the form. Structure an HTML registration form for computer club members using a table layout. The form should include: a) Name b) Phone number c) Date of birth d) Gender (radio buttons) e) Department (dropdown) f) Self-introduction (textarea) g) Areas of interest (checkboxes) h) Submit button.	[Marks-5]	CLO-2 Level-4
2.	a)	Elaborate specificity and cascading in CSS with necessary example in context of responsive layout.	[Marks-5]	CLO-1 Level-2
	b)	You are developing a small web tool for <i>Matrix agents</i> to verify secret codes. Each agent enters a code — for example: "neoTheOne" Interpret a JavaScript program that: I. Takes the agent's code as input. II. Checks the length of the code. III. Displays a message in the console: o If the code is less than 5 characters, show: "Code too short" o If the code is 5 to 10 characters, show: "Code accepted" o If the code is more than 10 characters, show: "Code too long" Example Output: Input: "neo" Output: "Code too short" Input: "neoTheOne" Output: "Code accepted" Input: "NeoTheOne123" Output: "Code too long"	[Marks-5]	

3.	a)	<pre> <body> <h2>The Matrix Fan Registration</h2> <form> <label for="name">Name:</label> <input type="text" id="name" name="name">

 <label for="quote">Favorite Quote:</label> <input type="text" id="highlight" name="quote">

 <label for="email">Email:</label> <input type="email" id="email" name="email">

 <button type="submit">Enter the Matrix</button> </form> <p class="creator">Created by The Wachowskis</p> </body> </pre> Blueprint the web page that meets following design criteria: - Apply a dark background and light text to the entire page. - Give the "Favorite Quote" input field a glowing green border. - Style the "Created by" text in light blue and italic. - When hovering over the submit button, change its background to bright green and text to black. - the first letter of the heading larger and neon green.	[Marks-10]	CLO-2 Level-4
----	----	---	------------	------------------