


Name: \_\_\_\_\_

Reg #: \_\_\_\_\_

Section: \_\_\_\_\_

## National University of Computer and Emerging Sciences, Lahore Campus

	Course Name:	Web Programming	Semester:	Fall 2023
	Program:	BS(Computer Science)	Course Code:	CS4032
	Duration:	1 Hour	Weight:	15 %
	Evaluation Type:	Mid 1 Exam	Section:	All
	Name:		Roll Number:	

### *Important Note:*

- The quality of the code will affect the marks.
- Students will receive **ZERO** marks if the answers are plagiarized.
- Use of **mobile phones, internet, and, ANY type of smart devices** during the exam is strictly prohibited.
- This is an open **note** exam.
- Discussion with other students is not allowed.
- **Exchange of notes and stationery** with other students are not allowed.
- If any of the above rules is violated by the student. The invigilator has the right to file DC case against that student and the invigilator also has the right to take your exam away and ask you to leave the exam hall.

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Question	1	2	Total
Marks	/10	/20	/30

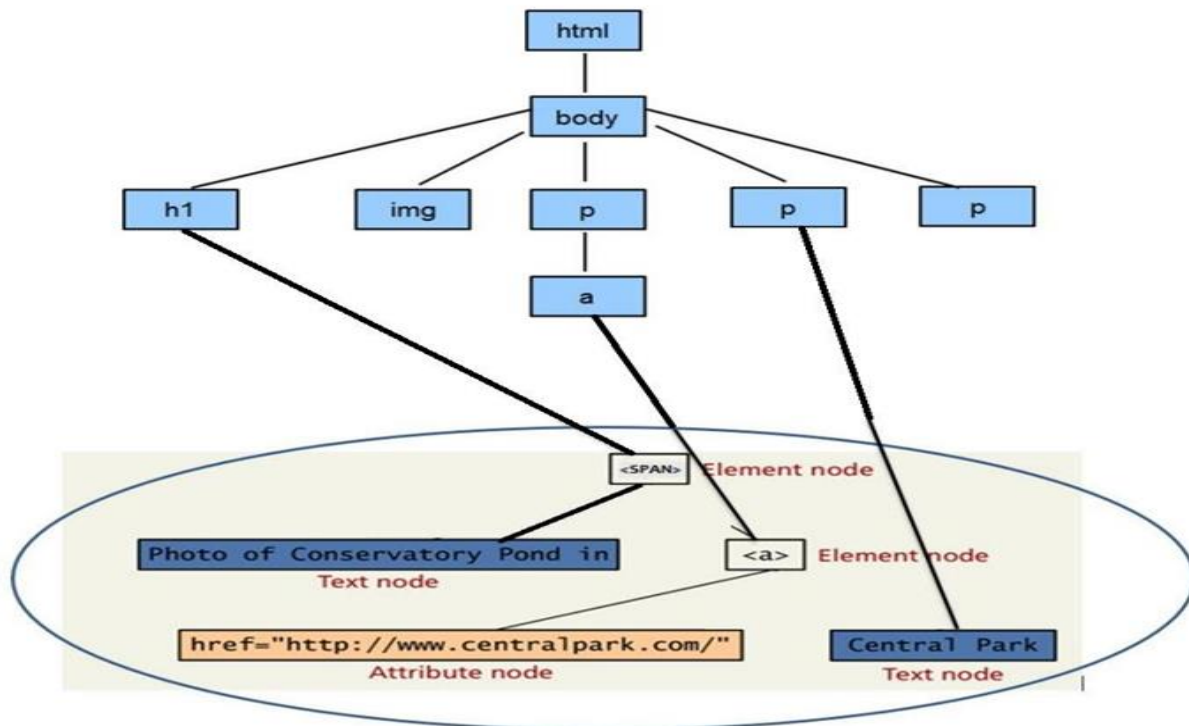


### Question 1

**(Marks 10)**

Write a program using the JavaScript (DOM) such that (as encircled below):

1. Delete the **attribute node**.
2. Replace the immediate parents of all **text nodes** with **div** elements.



Name: \_\_\_\_\_

Reg #: \_\_\_\_\_

Section: \_\_\_\_\_

**Question 2****(Marks 20)**

Your task is to create a web page using html, CSS and JavaScript for dynamic quiz application. The application should have the following features:

1. **Timer:** Implement a timer that counts down from a specified time (e.g. 5 minutes) .You can use '`math.floor()`' (to round off the number) and '`setTimeout()`'.
2. **Question:** Displays the question one at a time. (Assume we have only 5 questions).
3. **Answer:** One input field or text area, to take the answer from the user.
4. **Previous/Next Button:** One previous and one next button, to navigate between the questions. Ensure to disable/hide the 'previous' button, when the user is on the first question and, disable/hide 'next' button when the user is on the last question.
5. **Submit:** One submit button that, upon clicking prevents the user from changing their answers, and displays a dialogue box indicating the number of question out of 5, attempted by the user.

Sample figures, share below will help to gain insight, to solve this question:



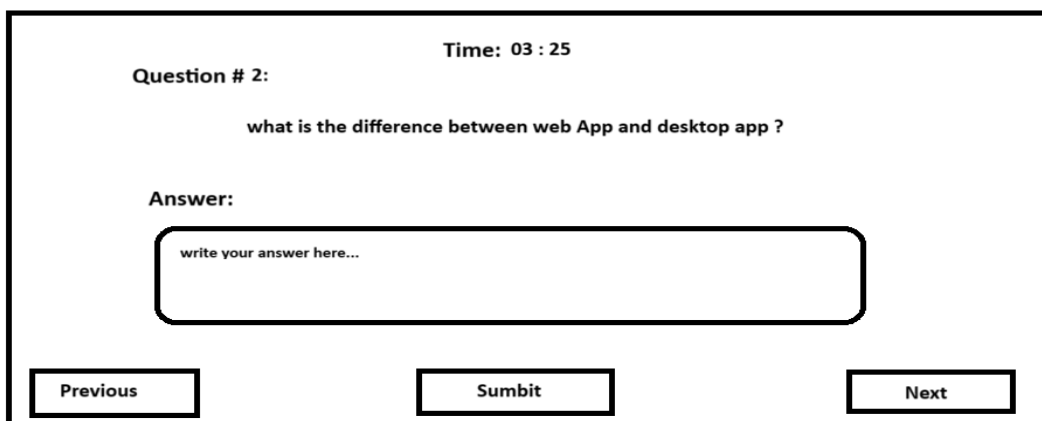
Question # 1: Time: 05 : 00

What issues warrant a web developers attention?

Answer:

write your answer here...

Submit Next



Question # 2: Time: 03 : 25

what is the difference between web App and desktop app ?

Answer:

write your answer here...

Previous Submit Next

Name: \_\_\_\_\_

Reg #: \_\_\_\_\_

Section: \_\_\_\_\_

Name: \_\_\_\_\_

Reg #: \_\_\_\_\_

Section: \_\_\_\_\_

Name: \_\_\_\_\_

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