Course Assignment

Only for course Teacher					
	Needs Improvement	Fair	Good	Excellent	Total Mark
Level of Content					
Content Development					
Spelling & Grammar					
Format					
Comments					

Semester: Fall 2024

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Batch: 37th   **Section: E**

Course Code: SE 321   **Course Name: Software Engineering Web Application**

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1. Demonstrate the differences between 'get' method and 'post' method in html form.

Ans:

1. GET Method:

- **Data is sent in the URL:** When you use the GET method, the data entered in the form is added to the URL as part of the query string (after the "?" symbol).
  - Example:
    `http://example.com/search?name=John&age=25`
- **Visible to everyone:** Since the data is part of the URL, anyone who can see the URL can also see the form data. This makes it less secure.
- **Limited data size:** The amount of data you can send is limited by the maximum length of the URL (usually around 2000 characters).
- **Good for simple requests:** It is typically used when you want to retrieve or display data, like searching for something (e.g., Google search).
- **Can be bookmarked:** Since the data is in the URL, you can bookmark it for future use.

2. POST Method:

- **Data is sent in the body of the request**: When you use the POST method, the form data is sent in the request body, not the URL. This keeps it hidden from the user.
- **More secure**: Since the data is not visible in the URL, it is more secure than GET (but still needs encryption for sensitive data).
- **No size limit**: You can send a large amount of data with POST, as it doesn't have the same length limitation as GET.
- **Good for sensitive or large data**: It's used when you want to send data that changes something on the server, like submitting a registration form, uploading a file, or sending a password.
- **Cannot be bookmarked**: Since the data isn't in the URL, you cannot bookmark a POST request.
  html

Question 2 & 3: Gitbhub_question_solution