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FSD ASSIGNMENT 03

Aim:

Client-side Form Validations using JavaScript, DOM real-time update, JQuery to develop Ajax based applications.

Objectives:

1. To understand what form validation is.
2. To learn basic functioning of DOM objects.
3. To learn how to apply various techniques to implement it.

FAQ:

1. Write 3 reasons why Form validations are important.

Ans: Form validations are important for the following reasons:

1. Data Integrity: Ensures accurate and correctly formatted data.
2. User Experience: Provides immediate feedback and error correction.
3. Security: Prevents malicious data and protects against attacks.

2. Give an example of how to modify an attribute value using DOM.

Ans: ```

```
document.getElementById('myElement').setAttribute('attributeName', 'newValue');
```

```

Example: Changing an image source:

```

```
document.getElementById('myImage').setAttribute('src', 'new-image.jpg');
```

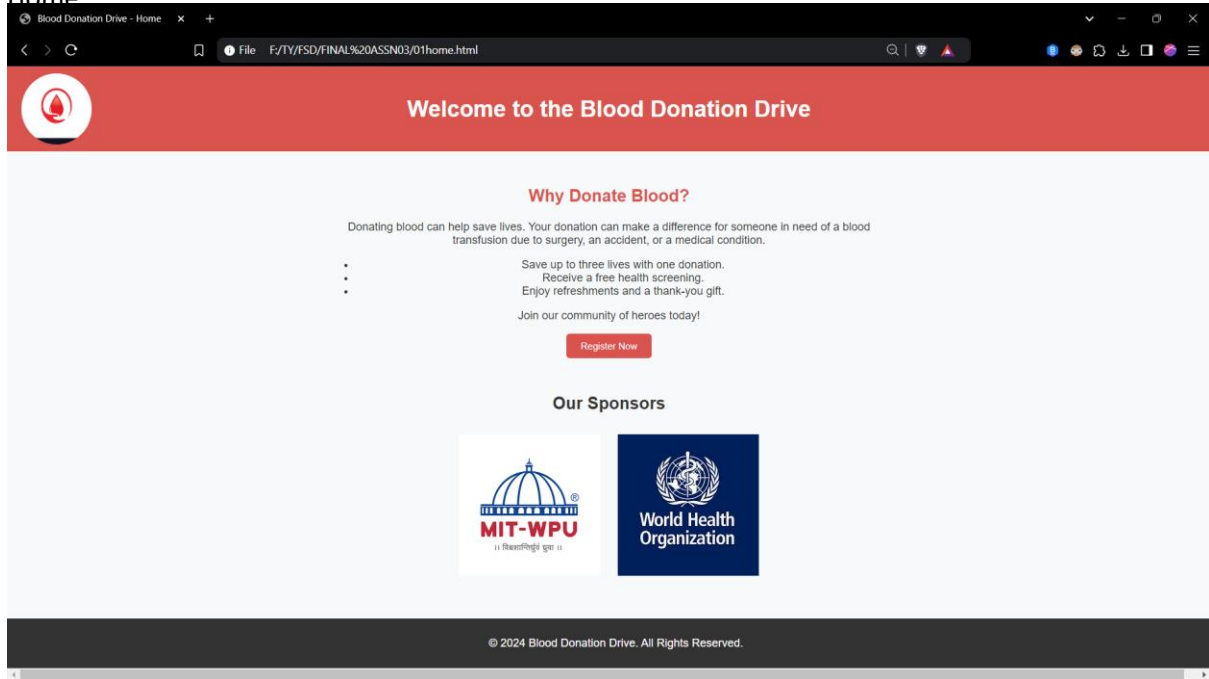
```

#### 3. What is jQuery Ajax?

**Ans:** jQuery Ajax allows asynchronous HTTP requests to the server without reloading the page. It simplifies sending and receiving data with features like handling multiple request types and asynchronous processing.

**Please find attached the outputs for the programs attached for this assignment:**

Home:



Form:

The screenshot shows a web browser window with the address bar displaying "File F:/TV/FSD/FINAL%20ASSN03/02register.html". The page has a red header with the text "Blood Donation Drive Registration". Below the header, there is a registration form with several sections: "Personal Information" (First Name, Last Name, Email, Phone Number), "Password Information" (Password, Confirm Password), "Blood Donation Details" (Blood Type, Preferred Donation Date), and "Additional Information" (Profile Picture, Message for the Organizers). A checkbox for "I accept the terms and conditions" is located at the bottom of the form. A "Submit Registration" button is at the bottom right. The footer contains the copyright notice "© 2024 Blood Donation Drive. All Rights Reserved."

Blood Donation Drive Registration

**Personal Information**

First Name:

Last Name:

Email:

Phone Number:

**Password Information**

Password:

Confirm Password:

**Blood Donation Details**

Blood Type:

Preferred Donation Date:

**Additional Information**

Profile Picture (optional):

Message for the Organizers:

☐ I accept the terms and conditions

Submit Registration

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Confirmation:

