University of Technology
Computer Engineering
Department

Web Programming Lab
Lecture Three
HTML Forms

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Stage: رابع

Branch: معلومات

Q1////

```html
<!DOCTYPE html>

    <html>

<body>

<Center>

<form method=post action="prac.html">

<table>

<tr>

<td></td>

<td><input type=radio name=initial checked>Mr.

<input type=radio name=initial>Mrs.

<input type=radio name=initial>Ms.</td>

</tr><tr>

<td>First Name</td>

<td><input type=text name=fn placeholder="First Name"></td>

</tr><tr>

<td>Last Name</td>

<td><input type=text name=ln placeholder="Last Name"></td>

</tr> <tr>

<td>Mail Address1</td>

<td><input type=text name=add1></td>

</tr><tr>

<td>Mail Address2</td>

<td><input type=text name=add2></td>

</tr><tr>

<td>City</td>

<td><input type=text name=ct></td>

</tr><tr>

<td>State</td>
```

```html
<td><select name=state>
<option value="Gujarat">Gujarat
<option value="Maharastra">Maharastra
<option value="Karnataka">Karnataka
<option value="Delhi">Delhi
</select>
</td>
</tr><tr>
<td>Zip</td>
<td><input type=text name=zp></td>
</tr><tr>
<td>Upload Photo</td>
<td><input type=file name=photo></td>
</tr><tr>
<td>E-Mail</td>
<td><input type=text name=email size=30></td>
</tr><tr>
<td>Mobile</td>
<td><input type=text name=mob placeholder="+91"></td>
</tr><tr>
<td>Languages known</td>
<td><input type=checkbox name=lk value=Gujarati
checked>Gujarati</td>
</tr><tr>
<td></td>
<td><input type=checkbox name=lk value=Hindi
checked>Hindi</td>
</tr><tr>
<td></td>
```

```html
<td><input type=checkbox name=lk value=English
checked>English</td>
</tr><tr>
<td></td>
<td><input type=checkbox name=lk value=Marathi >Marathi</td>
</tr><tr>
<td>Additional Information</td>
<td><textarea name=add rows=3 cols=20 placeholder="Optional"
wrap></textarea></td>
</tr><tr>
<td></td>
<td><input type=submit value=submit> <input type=reset
value=reset></td>
</table>
</form>
</body>
</html>
```

○ Mr. ○ Mrs. ○ Ms.

First Name	First Name
Last Name	Last Name
Mail Address1	
Mail Address2	
City	
State	Gujarat ▾
Zip	
Upload Photo	Choose File No file chosen
E-Mail	
Mobile	+91
Languages known	☑ Gujarati
	☑ Hindi
	☑ English
	☐ Marathi
Additional Information	Optional

Activate Windows
Go to Settings to activate Windows.

submit   reset

Q2////

```html
<!DOCTYPE html>

<html>

<head>

<style>

*{text-align:left;}

</style>

</head>

<body>

<h1>User Registration</h1>

<h4>Please complete the following form to register with our site:</h4>

<form>

<table>

<tr>

<th><label>User Name:</label></th>

<th><input type="text"></th>

</tr>

<tr>

<th><label>Password:</label></th>

<th><input type="password"></th>

</tr>

<tr>

<th><label>Gender:</label></th>

<th><input type="radio">Male</th>

</tr>

<tr>

<th></th>
```

```html
<th><input type="radio">Female</th>

</tr>

<tr>

<th><label>How did you hear about us ?:</label></th>

<th><select><option>Select answer</option></select></th>

</tr>

<tr>

<th><pre>Please select this box if you wish

to be added to our mailing list

we will not pess on you details ti any third party</pre></th>

<th><input type="checkbox"></th>

</tr>

<tr>

<th></th>

<th><input type="submit" value="Register now"></th>

</tr>

</table>

</form>

</body>

</html>
```

User Registration

Please complete the following form to register with our site:

User Name:

Password:

Gender:
○ **Male**
○ **Female**

How did you hear about us ?: Select answer ▼

```
Please select this box if you wish
to be added to our mailing list
we will not pess on you details ti any third party
```
☐

Register now

Q3////What is the difference between the "GET" and "POST" methods in HTML form submissions, and when would you use one over the other?

ans///

The "GET" and "POST" methods in HTML form submissions have distinct purposes and use cases:

1. GET method:

   - Parameters are appended to the URL as query strings.

   - Limited data capacity, as it's constrained by the maximum length of a URL.

   - Data is visible in the URL, which can be a security concern for sensitive information.

   - Typically used for read-only operations, like searching or navigating to a web page.

2. POST method:

   - Parameters are included in the request body.

   - Can handle larger data since it's not constrained by URL length limits.

   - Data is not visible in the URL, making it more secure for sensitive information.

   - Typically used for operations that modify data on the server, such as submitting a form with user input.

In summary, you would use the "GET" method when you want to retrieve data from the server or perform read-only operations. On the other hand, you would use the "POST" method when you need to send data to the server, especially when handling user input or making changes to the server's data, and you want to keep that data secure and not visible in the URL.