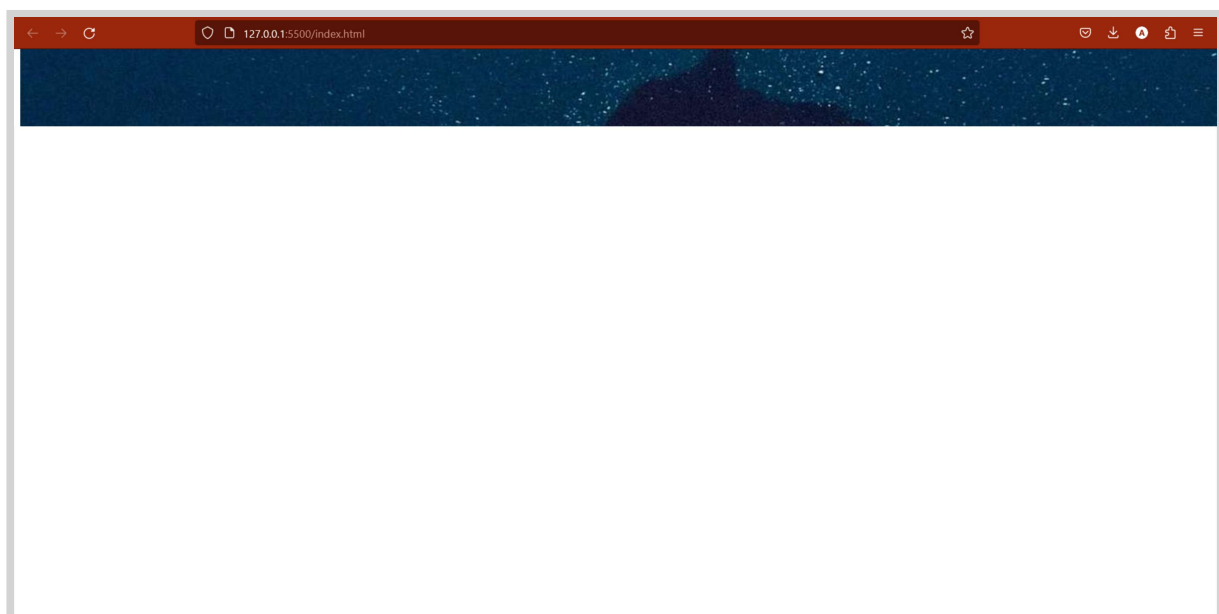
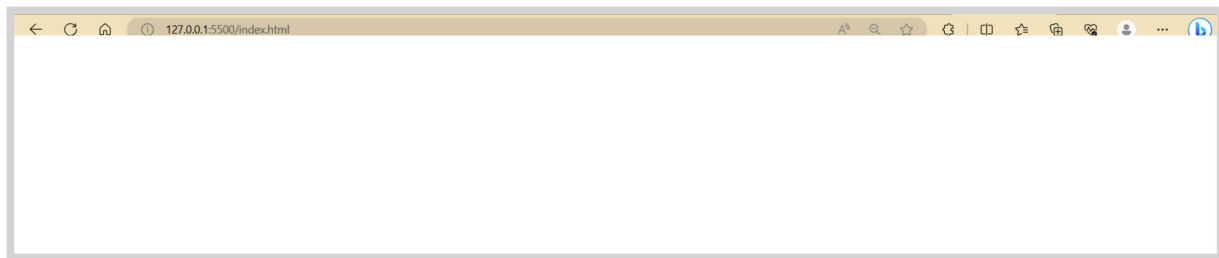




```
<!DOCTYPE html>
<html>
  <head>
    <base href="www.google.com" />
    <meta name="description" content="a basic html page" />
    <meta name="keyword" content="html, css, javascript" />
    <meta name="author" content="shiva" />
    <meta name="robots" content="noindex,nofollow" />
    <meta name="viewport" content="width=device=width, initial-
scale=1.0" />
    <title>html tags</title>
  </head>
  <body>
    
  </body>
</html>
```



```
<body bgcolor="lightgreen" text="navy">
  <font size="10" fontspace="">
    <h1>HTML Tags Demo</h1>
  </font>
  <fieldset align="center">
    <legend>
      <hr size="5" color="navy" />
      <h2>Registration form</h2>
    </legend>
    <hr size="5" color="navy" />
  </fieldset>
</body>
```



```
<table align="center" border="4" width="30%">
  <tr>
    <th><label>Name</label></th>
    <td><input type="text" name="name" /></td>
  </tr>
  <tr>
    <th><label>Password</label></th>
    <td><input type="password" name="name" /></td>
  </tr>
```

```

<tr>
  <th><input type="submit" value="Submit" /></th>
  <th><input type="reset" value="Reset" /></th>
</tr>
</table>

```

HTML Tags Demo

Introducing form

```

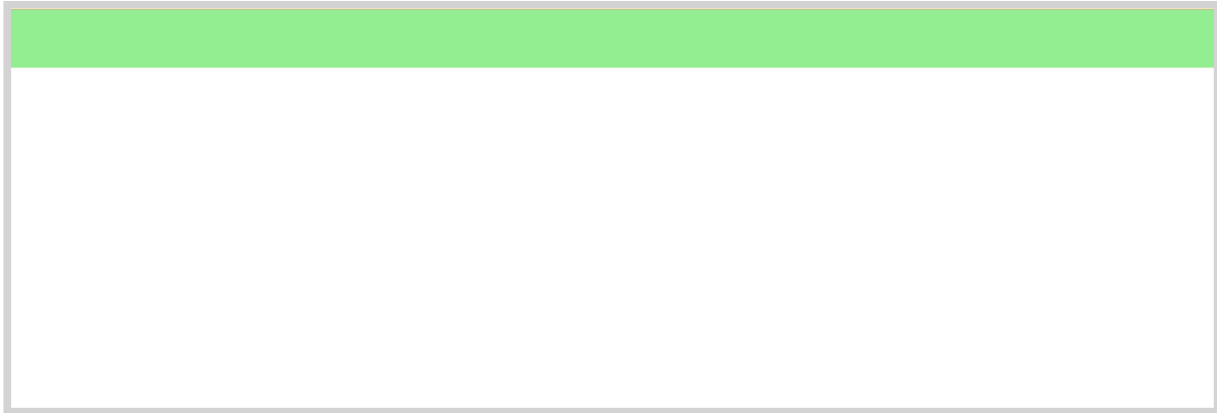
<form>
  <table align="center" border="4" width="30%">
    <tr>
      <th><label>Name</label></th>
      <td><input type="text" name="name" /></td>
    </tr>
    <tr>
      <th><label>Password</label></th>
      <td><input type="password" name="name" /></td>
    </tr>
    <tr>
      <th><input type="submit" value="Submit" /></th>

```



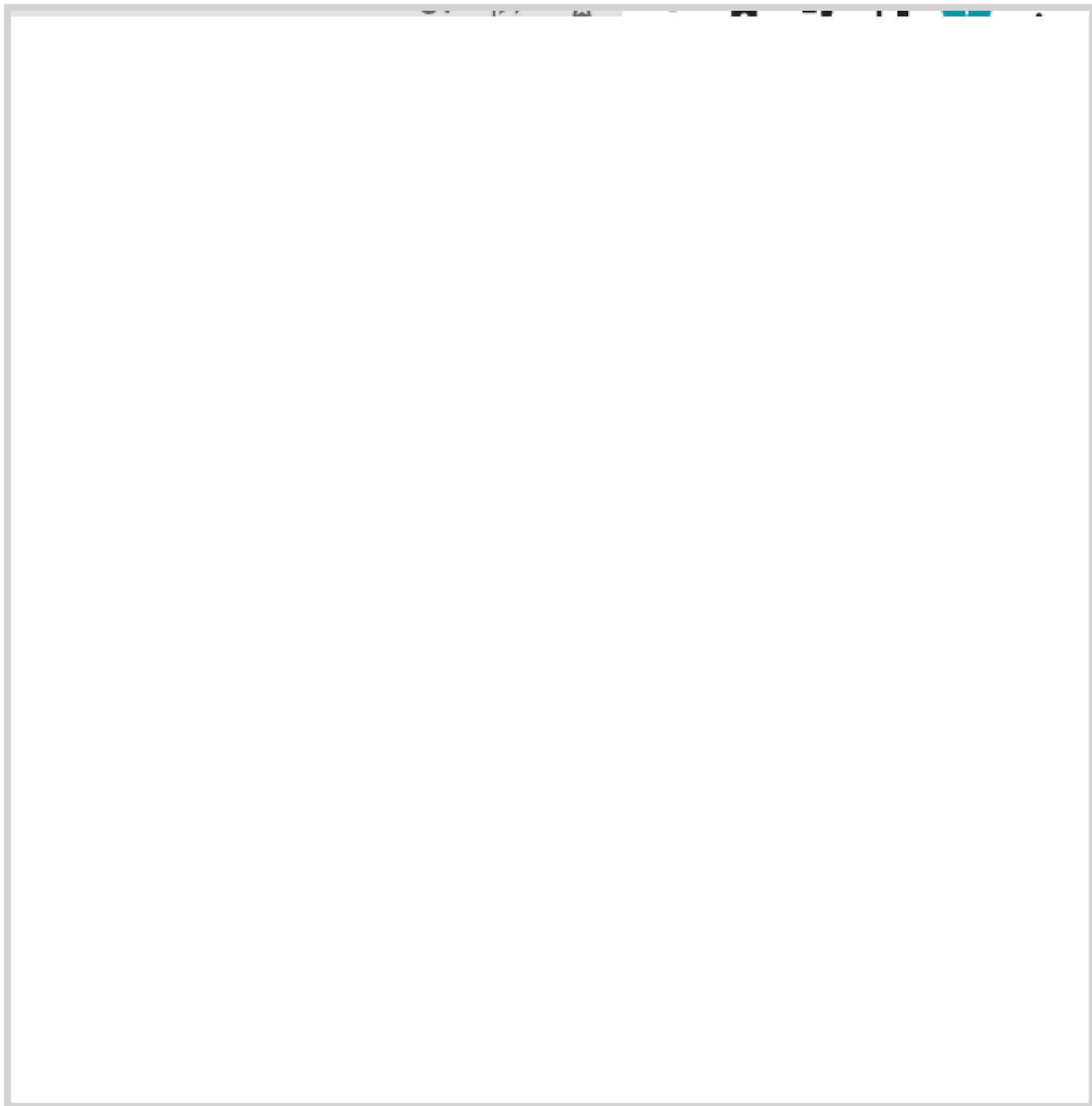
```
<th><input type="reset" value="Reset" /></th>  
</tr>  
</table>  
</form>
```

http://127.0.0.1:5500/index.html?
name=Shiva+Srivastava&name=shiva



=====

Using network an payload we can see data of method body of request



Use of required attribute:

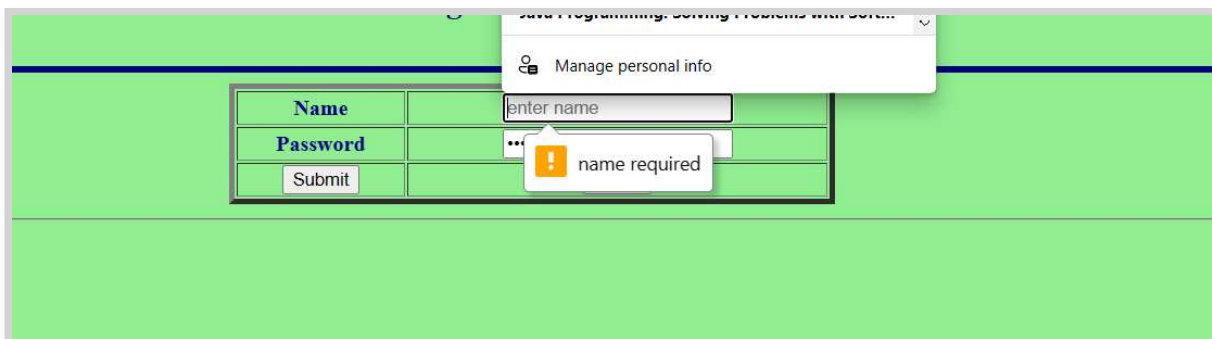
```
<input type="text" name="name" required />
```

HTML Tags Demo

Customize message:

```
<input
  type="text"
  name="name"
  required
  placeholder="enter name"
  oninvalid="setCustomValidity('name required')"
  oninput="setCustomValidity('')"
/>
```

Use of oninvalid and oninput attribute

A screenshot of a web form with a light green background. The form contains a table with three rows: 'Name', 'Password', and 'Submit'. The 'Name' input field is highlighted with a red border, and a custom validation message 'name required' is displayed in a red box with a white exclamation mark icon. A dropdown menu is open above the 'Name' field, showing 'Manage personal info'. The 'Password' field is also highlighted with a red border. The 'Submit' button is a small rectangular button with the text 'Submit'.

```
<input
  type="password"
  name="password"
```

```

required
placeholder="*****"
oninvalid="setCustomValidity('password required')"
oninput="setCustomValidity("")"
/>

```

```
=====
```

```

<input
  type="text"
  name="name"
  required
  placeholder="enter name"
  oninvalid="setCustomValidity('name required')"
  oninput="setCustomValidity("")"
  maxlength="10"
  size="5"
/>

```

maxlength attribute



Registration form

Name	<input type="text" value="qwertyuios"/>
Password	<input type="password" value="*****"/>
Submit	Reset

use of size attribute:



Registration form

Name	<input type="text" value="dfdsfdfsdf"/>
Password	<input type="password" value="*****"/>
Submit	Reset

use of autofocus attribute

```
<input
  type="password"
  name="password"
  required
  placeholder="*****"
  oninvalid="setCustomValidity('password required')"
  oninput="setCustomValidity('')"
  autofocus
/>
```

autofocus attribute



Registration form

Name	<input type="text" value="enter name"/>
Password	<input type="password" value="*****"/>
Submit	<input type="button" value="Reset"/>

=====

```
<input type="text" name="userId" value="User101" readonly />
```

value attribute

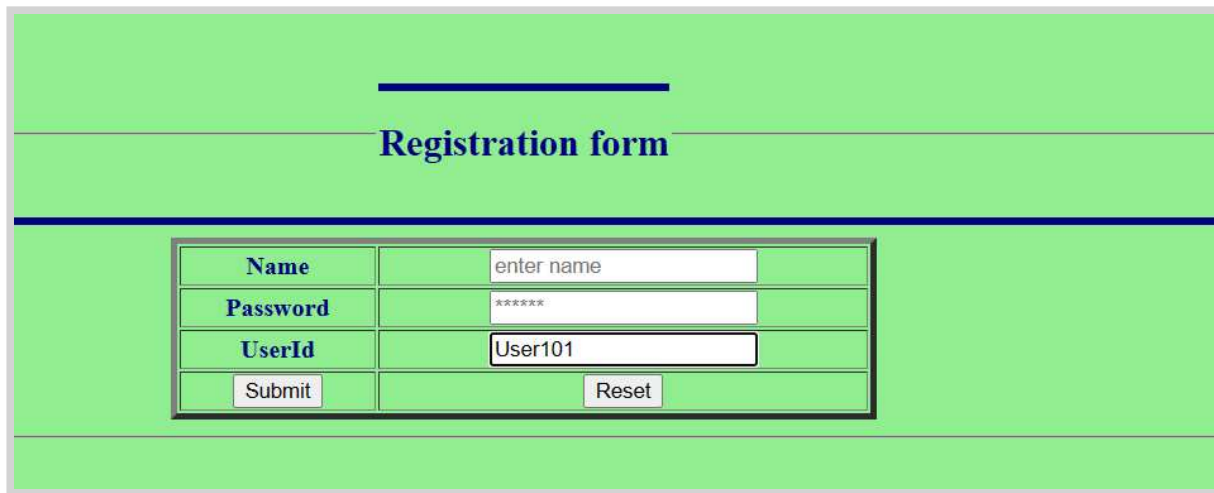


Registration form

Name	<input type="text" value="enter name"/>
Password	<input type="password" value="*****"/>
UserId	<input type="text" value="User101"/>
Submit	<input type="button" value="Reset"/>

```
<input type="text" name="userId" value="User101" readonly />
```

use of readonly attribute



A screenshot of a web registration form titled "Registration form" in blue text. The form is set against a light green background. It contains four input fields: "Name" with the placeholder text "enter name", "Password" with masked characters "*****", "UserId" with the value "User101", and a "Submit" button. A "Reset" button is also present to the right of the "Submit" button.

Email input field



A screenshot of the same registration form, but with an additional "Email" field containing the text "indiagmail.com". Below the form, a white error message box with an orange exclamation mark icon displays the text: "Please include an '@' in the email address. 'indiagmail.com' is missing an '@'." The form fields are: "Name" (Shiva Sriv), "Password" (masked), "UserId" (User101), and "Email" (indiagmail.com).

use of formnovalidate

```
<input
  type="submit"
  value="Vsubmit"
  name="vsubmit"
  formnovalidate
/>
```

In this case no validation check



Registration form	
UserId	User101
Name	enter name
Password	*****
Email	
Submit	Vsubmit
Reset	

Note: if you donot want to validate form for testing form
use novalidate attribute in form

```
<form method="post" action="gla.ac.in" novalidate>
```

=====

```
<input  
  type="number"  
  name="number"  
  min="1000000000"  
  max="9999999999"  
  step="100"  
>
```

type="number" input field

Registration form

UserId	<input type="text" value="User101"/>
Name	<input type="text" value="enter name"/>
Password	<input type="password" value="*****"/>
Email	<input type="text"/>
Contact Number	<input type="text" value="1000000100"/>
<input type="button" value="Submit"/> <input type="button" value="Vsubmit"/>	<input type="button" value="Reset"/>

=====

pattern attribute for input field

```
<input type="number" name="number" pattern="[0-9]{10}" />
```

Registration form

UserId	<input type="text" value="User101"/>
Name	<input type="text" value="Sanskar kh"/>
Password	<input type="password" value="*****"/>
Email	<input type="text" value="india2020ballia@gmail.com"/>
Contact Number	<input type="text" value="123"/>
<input type="button" value="Submit"/> <input type="button" value="vsubmit"/>	<input type="button" value="Reset"/>

=====

final code of Day-4

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<base href="www.google.com" />
```

```
<meta name="description" content="a basic html page" />
<meta name="keyword" content="html, css, javascript" />
<meta name="author" content="shiva" />
<meta name="robots" content="noindex,nofollow" />
<meta name="viewport" content="width=device=width, initial-
scale=1.0" />
<title>html tags</title>
</head>
<body bgcolor="lightgreen" text="navy">
  <font size="10" fontspace="">
    <h1>HTML Tags Demo</h1>
  </font>
  <fieldset align="center">
    <legend>
      <hr size="5" color="navy" />
      <h2>Registration form</h2>
    </legend>
    <hr size="5" color="navy" />
    <form method="post" action="gla.ac.in">
      <table align="center" border="4" width="30%">
        <tr>
          <th><label>UserId</label></th>
          <td>
            <input type="text" name="userId" value="User101" readonly />
          </td>
        </tr>
        <tr>
          <th><label>Name</label></th>
          <td>
```



```
<input
  type="text"
  name="name"
  required
  placeholder="enter name"
  oninvalid="setCustomValidity('name required')"
  oninput="setCustomValidity('')"
  maxlength="10"
/>
</td>
</tr>
<tr>
<th><label>Password</label></th>
<td>
<input
  type="password"
  name="password"
  required
  placeholder="*****"
  oninvalid="setCustomValidity('password required')"
  oninput="setCustomValidity('')"
  autofocus
/>
</td>
</tr>

<tr>
<th><label>Email</label></th>
<td>
```

```
<input type="email" name="email" />
</td>
</tr>

<tr>
<th><label>Contact Number</label></th>
<td>
<input type="number" name="number" pattern="[0-9]{10}" />
</td>
</tr>

<tr>
<th>
<input type="submit" value="Submit" name="submit" />
<input
type="submit"
name="vsubmit"
value="vsubmit"
formnovalidate
/>
</th>
<th><input type="reset" value="Reset" /></th>
</tr>
</table>
</form>
</fieldset>
</body>
</html>
```





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