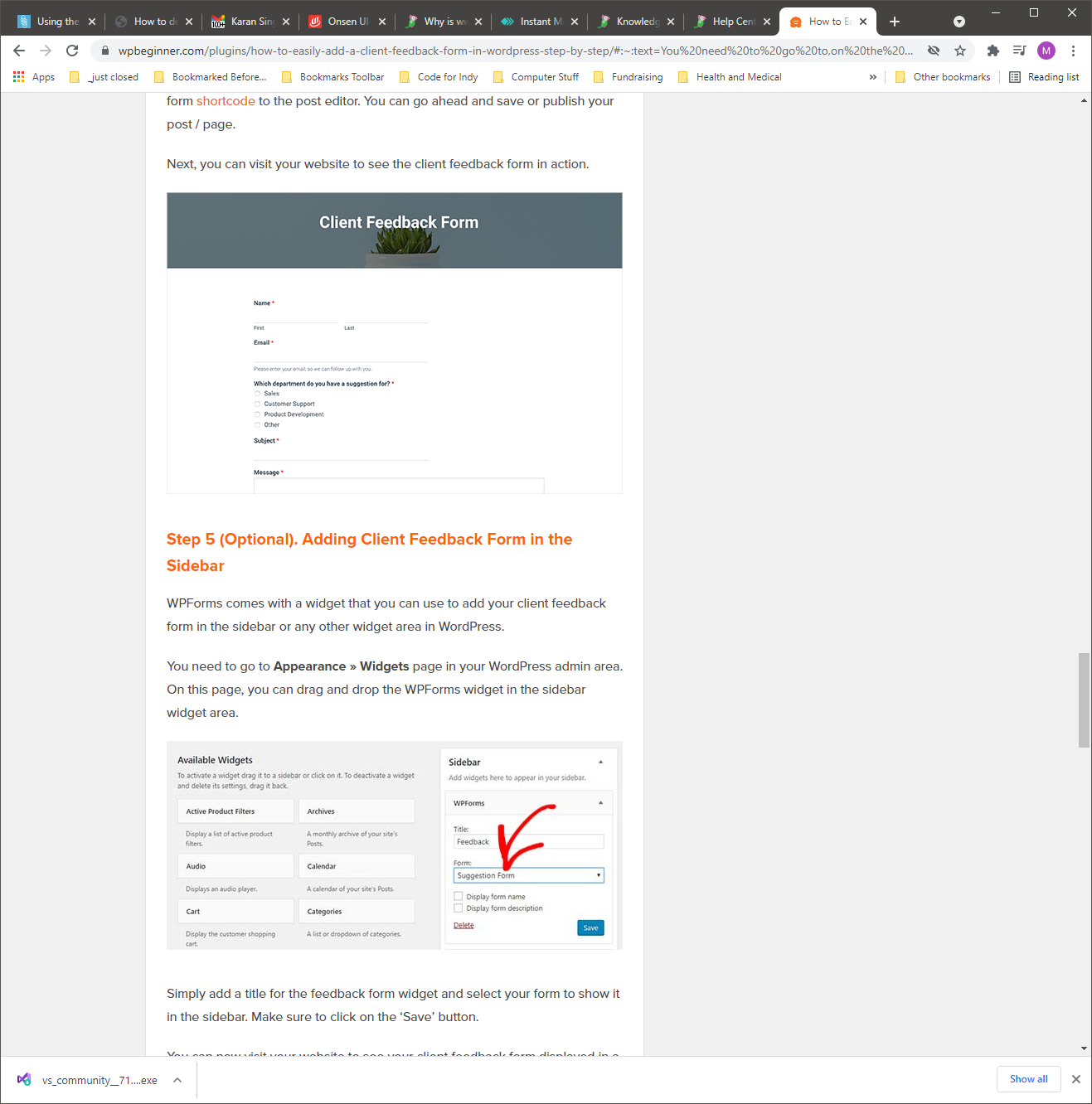


WP FORMS



same.

**Steps to Send Mail From Localhost XAMPP Using Gmail:**

1. Open XAMPP Installation Directory.
2. Go to C:\xampp\php and open the php.ini file.
3. Find [mail function] by pressing ctrl + f.
4. Search and pass the following values:



|  |  |
| --- | --- |
| 1  2  3  4 | SMTP=smtp.gmail.com  smtp\_port=587  sendmail\_from = YourGmailId@gmail.com  sendmail\_path = "\"C:\xampp\sendmail\sendmail.exe\" -t" |

1. Now, go to C:\xampp\sendmail and open sendmail.ini file.
2. Find [sendmail] by pressing ctrl + f.
3. Search and pass the following values



|  |  |
| --- | --- |
| 1  2  3  4  5  6  7 | smtp\_server=smtp.gmail.com  smtp\_port=587  error\_logfile=error.log  debug\_logfile=debug.log  auth\_username=YourGmailId@gmail.com  auth\_password=Your-Gmail-Password  force\_sender=YourGmailId@gmail.com(optional) |

**Script To Send Mail:**



|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11 | <?php  $to\_email = "receipient@gmail.com";  $subject = "Simple Email Test via PHP";  $body = "Hi,nn This is test email send by PHP Script";  $headers = "From: sender\'s email";    if (mail($to\_email, $subject, $body, $headers)) {      echo "Email successfully sent to $to\_email...";  } else {      echo "Email sending failed...";  } |

Hope this guide will be helpful!

**Note:**

Please configure “Less secure apps” settings as shown at <https://support.google.com/cloudidentity/answer/6260879> for proper working.

Also, if you are still facing issues, the reason can be one of the below:

1. The mails are being sent late
2. The mail is not configured properly
3. The port is blocked
4. Gmail does not have required permissions
5. Password is wrong

**How To Send Email From Localhost Using PHP**

Last Updated On: [November 16, 2020](https://www.phpflow.com/php/how-to-send-email-from-localhost-using-php/)| By: [Parvez](https://www.phpflow.com/author/admin/)

This Post about **“How to send mail from localhost in php using wamp/xampp”**, sometimes we need to test mail sending function from our development environment.We can send mail from our localhost using some mail configuration by XAMPP/LAMP/WAMP server, First we need to enable **php\_openssl** php extensions from php.ini file.I am using **GMAIL SMTP** server to send mail from localhost and **sendmail** package,It is a mail transport agent which can be found in php.ini file.The **sendmail package** is inbuilt in XAMPP. So if you are using XAMPP then you can easily send mail from localhost.

**The Configuration Parameters In PHP Mail**

* **smtp\_sever :** The SMTP Host server name like , smtp.gmail.com
* **smtp\_port :** The port number(Ex: 465)
* **auth\_username :** Your SMTP username
* **auth\_password :** Your SMTP password

You can also check other tutorial of php mail,

* [How To Send Email From Localhost Using PHP](https://www.phpflow.com/php/how-to-send-email-from-localhost-using-php/)
* [How to Send Mail in PHP](https://www.phpflow.com/php/how-to-send-mail-in-php/)
* [Send Feedback Form Through Mail Using PHP](https://www.phpflow.com/php/send-feedback-form-through-mail-using-php/)

**Step 1:** we need to enable **php\_openssl** php extentions from php.ini file.For XAMPP,it is located in C:\XAMPP\php\php.ini.You can download from php\_openssl.dll.  
 **Step 2:** Find mail function in php.ini file.You can find code like below.



|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9 | [mail function]  ; XAMPP: Comment out this if you want to work with an SMTP Server like Mercury  ; SMTP = localhost  ; smtp\_port = 25    ; For Win32 only.  ; http://php.net/sendmail-from  ;sendmail\_from = postmaster@localhost  ;sendmail\_path = "\"D:\xampp\sendmail\sendmail.exe\" -t" |

*replace with you SMTP configuration parameters like below,*



|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9 | [mail function]  ; XAMPP: Comment out this if you want to work with an SMTP Server like Mercury  SMTP = smtp.gmail.com  smtp\_port = 25    ; For Win32 only.  ; http://php.net/sendmail-from  sendmail\_from = phpflow@gmail.com  sendmail\_path = "\"D:\xampp\sendmail\sendmail.exe\" -t" |

**Step 3:** Open **sendmail.ini** which are located on "c:\xampp\sendmail\sendmail.ini" and change SMTP configuration parameters.



|  |  |
| --- | --- |
| 1  2  3  4  5  6 | [mail function]  smtp\_server=smtp.gmail.com  smtp\_port=25  auth\_username=phpflow@gmail.com  auth\_password=XXXXXXX  force\_sender=phpflow@gmail.com |

**Step 4:** Restart your Apache server.

**Step 5:** Send mail using php mail() function.



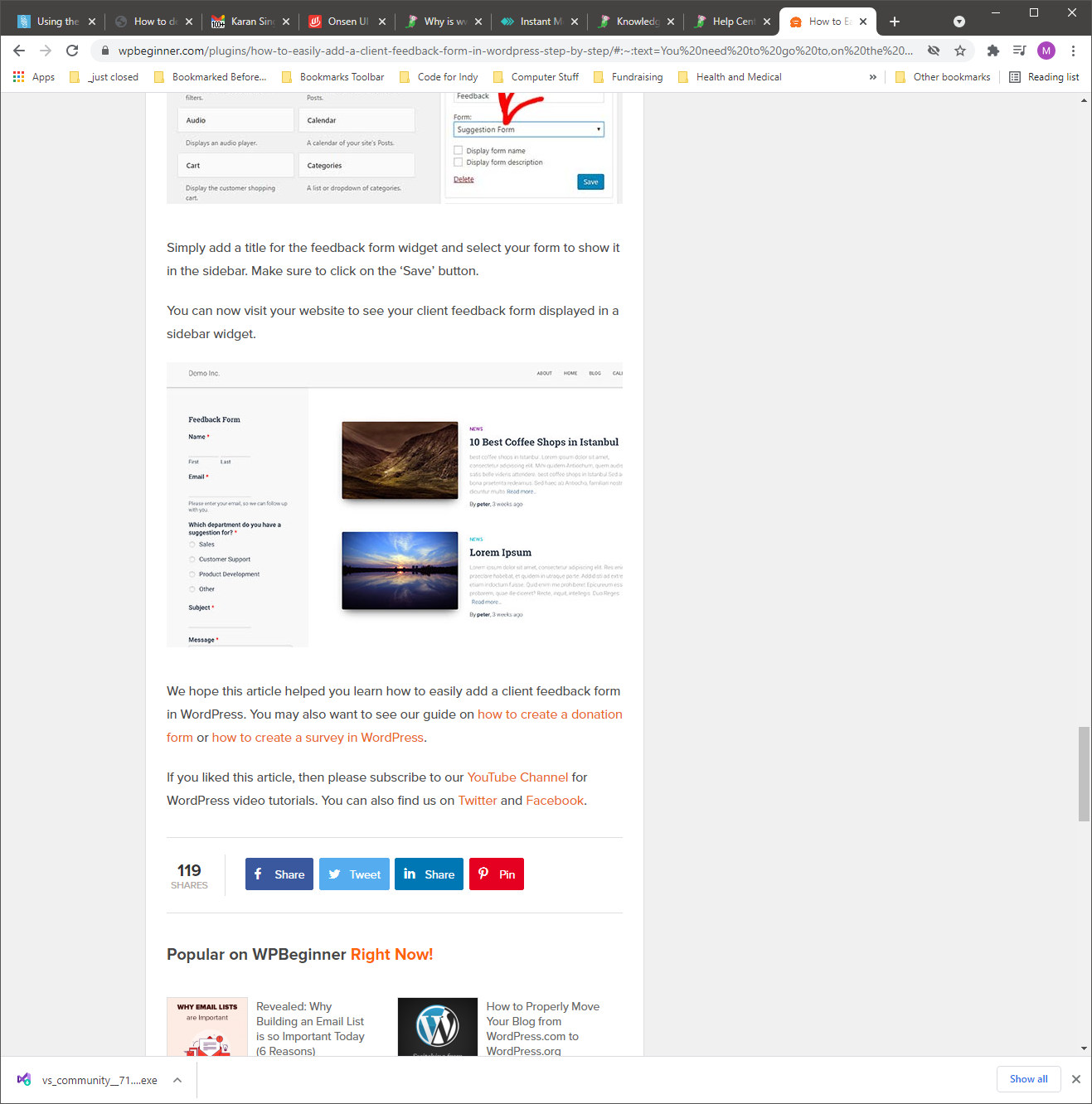
|  |  |
| --- | --- |
| 1 | mail("[[email protected]](https://www.phpflow.com/cdn-cgi/l/email-protection)","Success","Send mail from localhost using PHP"); |

Sometime port 25 is not opened, so you need to change 587 OR 465.

Now you have configured mail from localhost and use it.I hope this **php tutorial** help to understand working functionality of mail and sending mail from localhost using **PHP SMTP**.

Its Working with above settings. But you need to enable "Less secure app allow" option in Gmail account. Thanks to phpflow.

doesn't work anymore, It worked but not now with these settings



HTML | Design Form

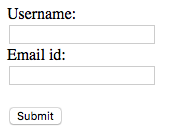
* Difficulty Level : [Medium](https://www.geeksforgeeks.org/medium/)
* Last Updated : 14 Dec, 2017

**What is HTML Form :**  
HTML Form is a document which stores information of a user on a web server using interactive controls. An HTML form contains different kind of information such as username, password, contact number, email id etc.  
The elements used in an HTML form are check box, input box, radio buttons, submit buttons etc. Using these elements the information of an user is submitted on a web server.

The **form** tag is used to create an HTML form.

**Example of an HTML Form :**

|  |
| --- |
| <!DOCTYPE html>  <html>  <body>    <form>    Username:<br>    <input type="text" name="username">    <br>    Email id:<br>    <input type="text" name="email\_id">    <br><br>    <input type="submit" value="Submit">  </form>    </body>  </html> |

**Output :**  


**Input Element in HTML Forms :**

Input Elements are the most common elements which are used in HTML Forms. Various user input fields can be created such as textfield, check box, password field, radio button, submit button etc. The most common input elements are listed below:

1. **Text Field in HTML Forms :**  
   The text field is a one line input field allowing the user to input text. Text Field input controls are created using the “input” element with a type attribute having value as “text”.

|  |
| --- |
| <!DOCTYPE html>  <html>  <h3>Example Of Text Field</h3>  <body>      <form>          <label for="EMAIL ID">Email Id:</label><br>          <input type="text" name="Email id" id="Email id">      </form>  </body>  </html> |

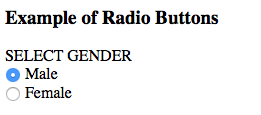
**Output :**  


1. **Password Field in HTML Forms :**  
   Password fields are a type of text field in which the text entered is masked using asterisk or dots for prevention of user identity from another person who is looking onto the screen. Password Field input controls are created using the “input” element with a type attribute having value as “password”.

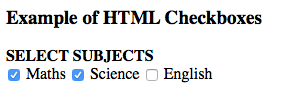
|  |
| --- |
| <!DOCTYPE html>  <html>  <h3>Example of Password Field</h3>  <body>      <form>          <label for="user-password">Password:          </label><br>          <input type="password" name="user-pwd"                              id="user-password">      </form>  </body>  </html> |

1. **Output :**  
   
2. **Radio Buttons in HTML Form :**  
   Radio Buttons are used to let the user select exactly one option from a list of predefined options. Radio Button input controls are created using the “input” element with a type attribute having value as “radio”.

|  |
| --- |
| <!DOCTYPE html>  <html>  <h3>Example of Radio Buttons</h3>  <body>      <form>          SELECT GENDER          <br>          <input type="radio" name="gender" id="male">          <label for="male">Male</label><br>          <input type="radio" name="gender" id="female">          <label for="female">Female</label>      </form>  </body>  </html> |

1. **Output :**  
   
2. **Checkboxes in HTML Form :**  
   Checkboxes are used to let the user select one or more options from a pre-defined set of options. Checkbox input controls are created using the “input” element with a type attribute having value as “checkbox”.

|  |
| --- |
| <!DOCTYPE html>  <html>  <h3>Example of HTML Checkboxes</h3>  <body>      <form>          <b>SELECT SUBJECTS</b>          <br>          <input type="checkbox" name="subject" id="maths">          <label for="maths">Maths</label>          <input type="checkbox" name="subject" id="science">          <label for="sceince">Science</label>          <input type="checkbox" name="subject" id="english">          <label for="english">English</label>      </form>  </body>  </html> |

1. **Output :**  
   

**File select boxes in HTML Forms :**

File select boxes are used to allow the user to select a local file and send it as an attachment to the web server.It is similar to a text box with a button which allows the user to browse for a file.Instead of browsing for the file, the path and the name of the file can also be written. File select boxes are created using the “input” element with a type attribute having value as “file”.

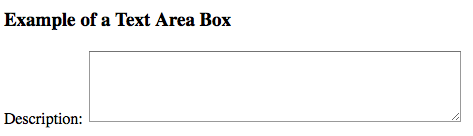
|  |
| --- |
| <!DOCTYPE html>  <html>  <h3>Example of a File Select Box</3>      <body>      <form>          <label for="fileselect">Upload:</label>          <input type="file" name="upload" id="fileselect">      </form>  </body>  </html> |

**Output :**  


**Text area in an HTML Form :**

Text Area is a multiple line text input control which allows user to provide a description or text in multiple lines. A Text Area input control is created using the “textarea” element.

|  |
| --- |
| <!DOCTYPE html>  <html>  <h3>Example of a Text Area Box</h3>  <body>      <form>          <label for="Description">Description:</label>          <textarea rows="5" cols="50" name="Description"                              id="Description"></textarea>      </form>  </body>  </html> |

**Output :**  


**Select Boxes in HTML Forms :**

Select boxes are used to allow users to select one or more than one option from a pull-down list of options. Select boxes are created using two elements which are “select” and “option”.List items are defined within the select element.

|  |
| --- |
| <!DOCTYPE html>  <html>  <h3>Example of a Select Box</h3>  <body>      <form>          <label for="country">Country:</label>          <select name="country" id="country">              <option value="India">India</option>              <option value="Sri Lanka">Sri Lanka</option>              <option value="Australia">Australia</option>          </select>      </form>  </body>  </html> |

**Output :**





**Reset And Submit Buttons :**

The Submit Button allows the user to send the form data to the web server. The Reset Button is used to reset the form data and use the default values.

|  |
| --- |
| <!DOCTYPE html>  <html>  <h3>Example of a Submit And Reset Button</h3>  <body>      <form action="test.php" method="post" id="users">          <label for="username">Username:</label>          <input type="text" name="username" id="Username">          <input type="submit" value="Submit">          <input type="reset" value="Reset">      </form>  </body>  </html> |

**Output :**  


**Attributes Used in HTML Forms**

**The Action Attribute :**  
The action to be performed after the submission of the form is decided by the action attribute. Generally, the form data is sent to a webpage on the web server after the user clicks on the submit button.

**Example :**  


|  |
| --- |
| <!DOCTYPE html>  <html>  <h3>Example of a Submit And Reset Button</h3>  <body>      <form action="test.php" method="post" id="users">          <label for="username">Username:</label>          <input type="text" name="username" id="Username">          <input type="submit" value="Submit">          <input type="reset" value="Reset">      </form>  </body>  </html> |

If you click the submit button, the form data

would be sent to a page called test.php .

**The Target Attribute in HTML Forms :**  
The Target attribute is used to specify whether the submitted result will open in the current window, a new tab or on a new frame. The default value used is “self” which results in the form submission in the same window. For making the form result open in a new browser tab, the value should be set to “blank”.

|  |
| --- |
| <!DOCTYPE html>  <html>  <body>    <form action="/test.php" target="\_blank">    Username:<br>    <input type="text" name="username">    <br>    Password:<br>    <input type="password" name="password">    <br><br>    <input type="submit" value="Submit">  </form>    </body>  </html> |

After clicking on the submit button, the result

will open in a new browser tab.

**Name Attribute in Html Forms :**  
The name attribute is required for each input field. If the name attribute is not specified in an input field then the data of that field would not be sent at all.

|  |
| --- |
| <!DOCTYPE html>  <html>  <body>    <form action="/test.php" target="\_blank">    Username:<br>    <input type="text">    <br>    Password:<br>    <input type="password" name="password">    <br><br>    <input type="submit" value="Submit">  </form>    </body>  </html> |

In the above code, after clicking the submit button, the form data will

be sent to a page called /test.php. The data sent would not include the

username input field data since the name attribute is omitted.

**The Method Attribute :**

It is used to specify the HTTP method used to send data while submitting the form.There are two kinds of HTTP Methods, which are GET and POST.

**The GET Method –**

|  |
| --- |
| <!DOCTYPE html>  <html>  <body>    <form action="/test.php" target="\_blank" method="GET">    Username:<br>    <input type="text" name="username">    <br>    Password:<br>    <input type="password" name="password">    <br><br>    <input type="submit" value="Submit">  </form>    </body>  </html> |

In the GET method, after the submission of the form, the form values

will be visible in the address bar of the new browser tab.

**The Post Method –**

|  |
| --- |
| <!DOCTYPE html>  <html>  <body>    <form action="/test.php" target="\_blank" method="post">    Username:<br>    <input type="text" name="username">    <br>    Password:<br>    <input type="password" name="password">    <br><br>    <input type="submit" value="Submit">  </form>    </body>  </html> |

In the post method, after the submission of the form, the form values

will not be visible in the address bar of the new browser tab as it was

visible in the GET method.

Form validation using HTML and JavaScript

* Difficulty Level : [Easy](https://www.geeksforgeeks.org/easy/)
* Last Updated : 21 Oct, 2020

Forms are used in webpages for the user to enter their required details that further send it to the server for processing. A form is also known as a web form or HTML form. Examples of form use are prevalent in e-commerce websites, online banking, online surveys to name a few.

**Syntax for form in HTML**

|  |
| --- |
| <body>      <h1 style="text-align: center;">REGISTRATION FORM</h1>      <form name="RegForm" action="/submit.php"            onsubmit="return GEEKFORGEEKS()" method="post">          <p>Name: <input type="text"                          size="65" name="Name" /></p>          <br />          <p>Address: <input type="text"                             size="65" name="Address" /></p>          <br />          <p>E-mail Address: <input type="text"                                 size="65" name="EMail" /></p>          <br />          <p>Password: <input type="text"                              size="65" name="Password" /></p>          <br />          <p>Telephone: <input type="text"                               size="65" name="Telephone" /></p>          <br />            <p>              SELECT YOUR COURSE              <select type="text" value="" name="Subject">                  <option>BTECH</option>                  <option>BBA</option>                  <option>BCA</option>                  <option>B.COM</option>                  <option>GEEKFORGEEKS</option>              </select>          </p>          <br />          <br />          <p>Comments: <textarea cols="55"                                 name="Comment"> </textarea></p>          <p>              <input type="submit"                     value="send" name="Submit" />              <input type="reset"                     value="Reset" name="Reset" />          </p>      </form>  </body> |

**Validating a form:**The data entered into a form needs to be in the right format and certain fields need to be filled in order to effectively use the submitted form. Username, password, contact information are some details that are mandatory in forms and thus need to be provided by the user.  
Below is a code in HTML, CSS, and JavaScript to validate a form. **HTML** is used to create the form.**JavaScript** to validate the form.

**CSS** to design the layout of the form.  
**Form validation:**

|  |
| --- |
| <script>      function GEEKFORGEEKS() {          var name = document.forms["RegForm"]["Name"];          var email = document.forms["RegForm"]["EMail"];          var phone = document.forms["RegForm"]["Telephone"];          var what = document.forms["RegForm"]["Subject"];          var password = document.forms["RegForm"]["Password"];          var address = document.forms["RegForm"]["Address"];            if (name.value == "") {              window.alert("Please enter your name.");              name.focus();              return false;          }            if (address.value == "") {              window.alert("Please enter your address.");              address.focus();              return false;          }            if (email.value == "") {              window.alert(                "Please enter a valid e-mail address.");              email.focus();              return false;          }            if (phone.value == "") {              window.alert(                "Please enter your telephone number.");              phone.focus();              return false;          }            if (password.value == "") {              window.alert("Please enter your password");              password.focus();              return false;          }            if (what.selectedIndex < 1) {              alert("Please enter your course.");              what.focus();              return false;          }            return true;      }  </script> |

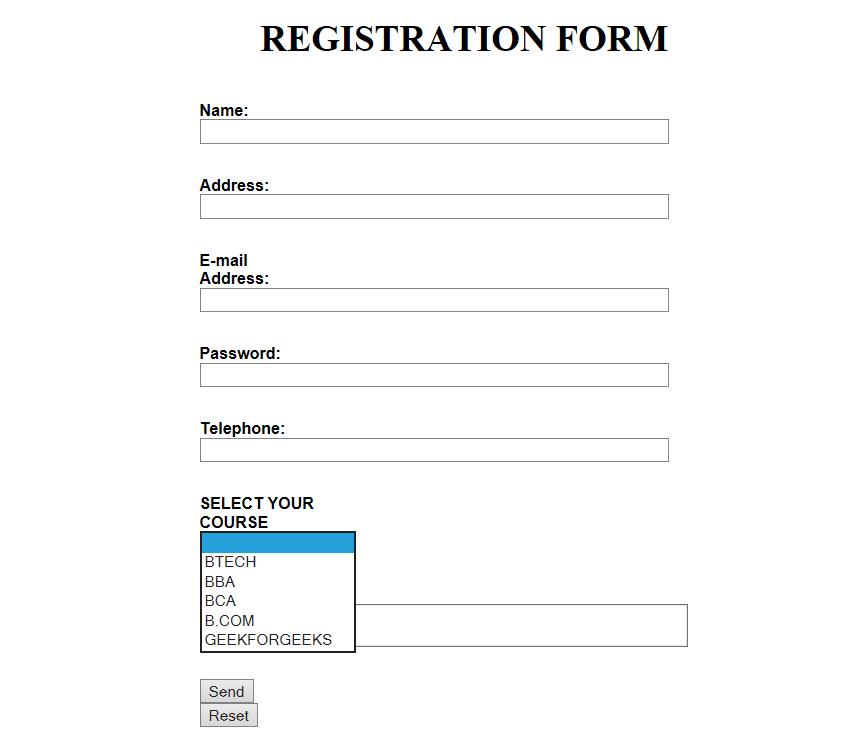
**Styling the form:**

|  |
| --- |
| <style>  div {      box-sizing: border-box;      width: 100%;      border: 100px solid black;      float: left;      align-content: center;      align-items: center;  }    form {      margin: 0 auto;      width: 600px;  }</style> |

**COMBINED CODE [ALL OF THE ABOVE SECTIONS CLUBBED)**

|  |
| --- |
| <html>      <head>          <script>              function GEEKFORGEEKS() {                  var name =                      document.forms["RegForm"]["Name"];                  var email =                      document.forms["RegForm"]["EMail"];                  var phone =                      document.forms["RegForm"]["Telephone"];                  var what =                      document.forms["RegForm"]["Subject"];                  var password =                      document.forms["RegForm"]["Password"];                  var address =                      document.forms["RegForm"]["Address"];                    if (name.value == "") {                      window.alert("Please enter your name.");                      name.focus();                      return false;                  }                    if (address.value == "") {                      window.alert("Please enter your address.");                      address.focus();                      return false;                  }                    if (email.value == "") {                      window.alert(                        "Please enter a valid e-mail address.");                      email.focus();                      return false;                  }                    if (phone.value == "") {                      window.alert(                        "Please enter your telephone number.");                      phone.focus();                      return false;                  }                    if (password.value == "") {                      window.alert("Please enter your password");                      password.focus();                      return false;                  }                    if (what.selectedIndex < 1) {                      alert("Please enter your course.");                      what.focus();                      return false;                  }                    return true;              }          </script>            <style>              div {                  box-sizing: border-box;                  width: 100%;                  border: 100px solid black;                  float: left;                  align-content: center;                  align-items: center;              }                form {                  margin: 0 auto;                  width: 600px;              }          </style>      </head>        <body>          <h1 style="text-align: center;">REGISTRATION FORM</h1>          <form name="RegForm" action="/submit.php"                onsubmit="return GEEKFORGEEKS()" method="post">              <p>Name: <input type="text"                              size="65" name="Name" /></p>              <br />              <p>Address: <input type="text"                                 size="65" name="Address" />            </p>              <br />              <p>E-mail Address: <input type="text"                              size="65" name="EMail" /></p>              <br />              <p>Password: <input type="text"                           size="65" name="Password" /></p>              <br />              <p>Telephone: <input type="text"                          size="65" name="Telephone" /></p>              <br />                <p>                  SELECT YOUR COURSE                  <select type="text" value="" name="Subject">                      <option>BTECH</option>                      <option>BBA</option>                      <option>BCA</option>                      <option>B.COM</option>                      <option>GEEKFORGEEKS</option>                  </select>              </p>              <br />              <br />              <p>Comments: <textarea cols="55"                                name="Comment"> </textarea></p>              <p>                  <input type="submit"                         value="send" name="Submit" />                  <input type="reset"                         value="Reset" name="Reset" />              </p>          </form>      </body>  </html>    // updated by patelshrey115 |

Resulting Form:



**Reference :**   
<https://en.wikipedia.org/wiki/Form_(HTML)>