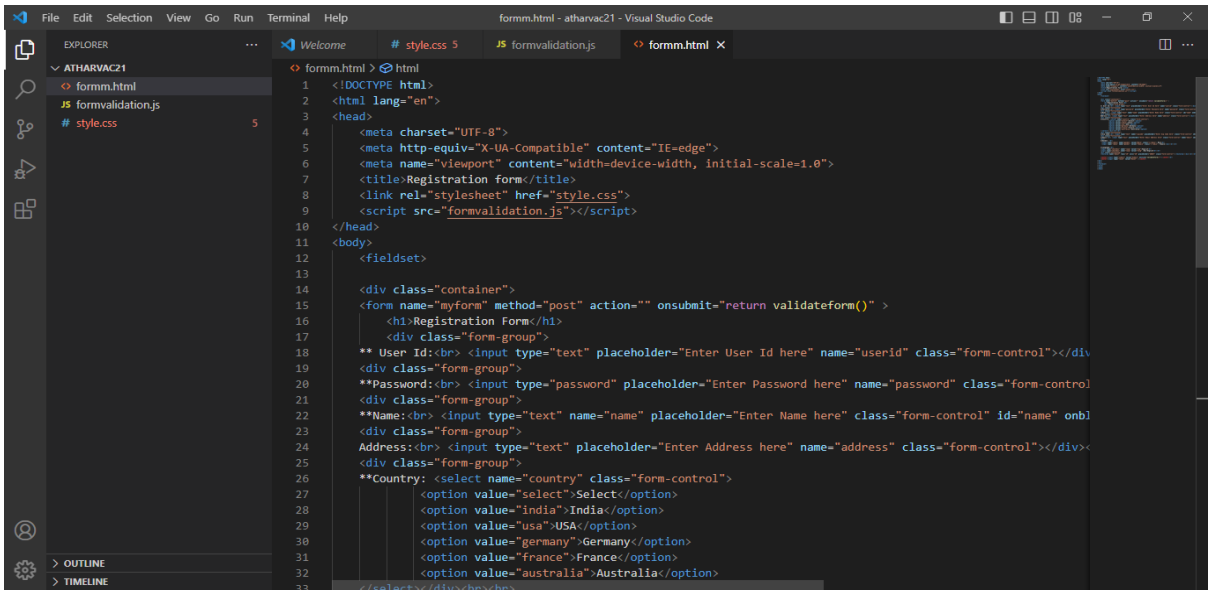
# Practical No. 5

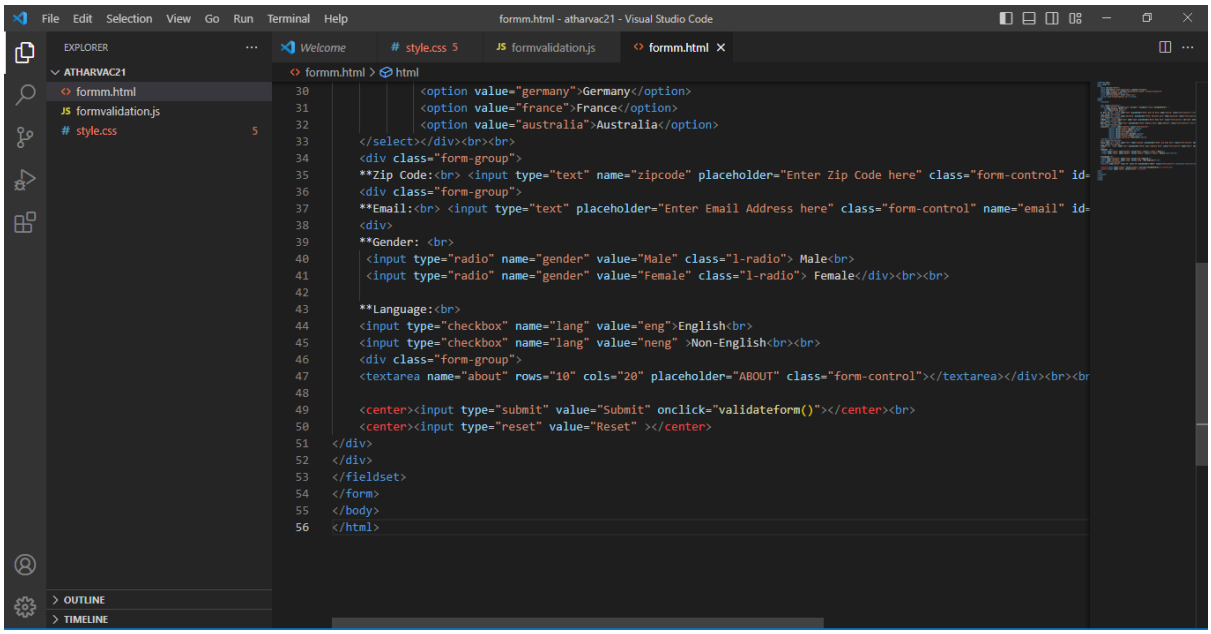
**Aim**: Design a simple registration form by applying proper validation for the following fields

using JavaScript.

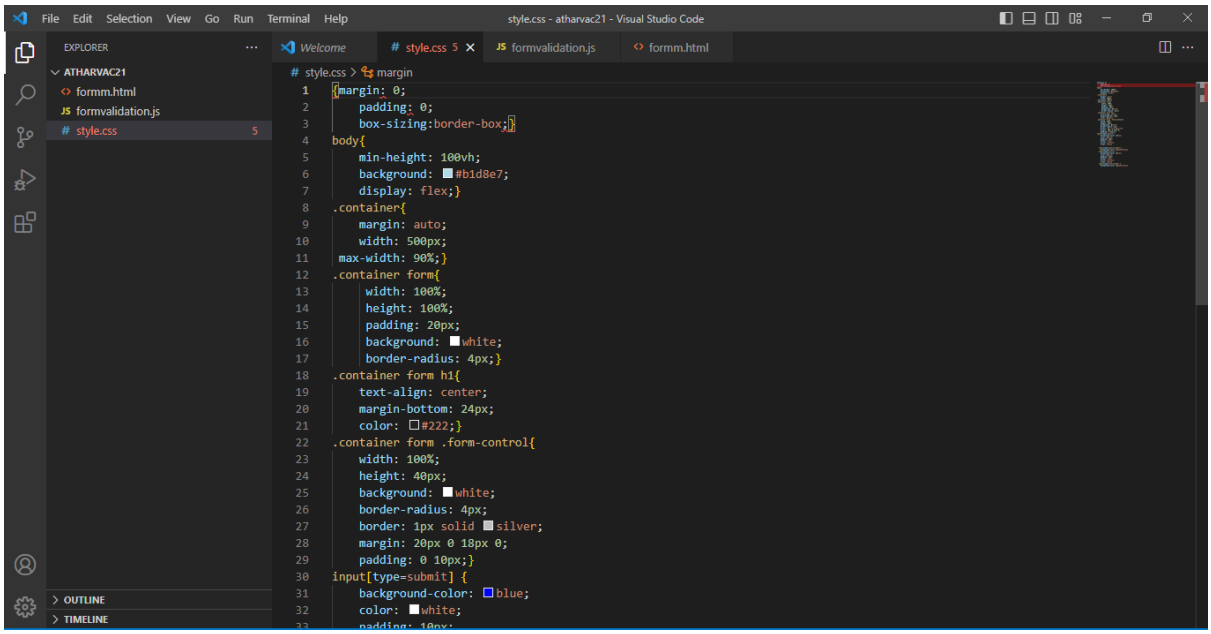
## Code:

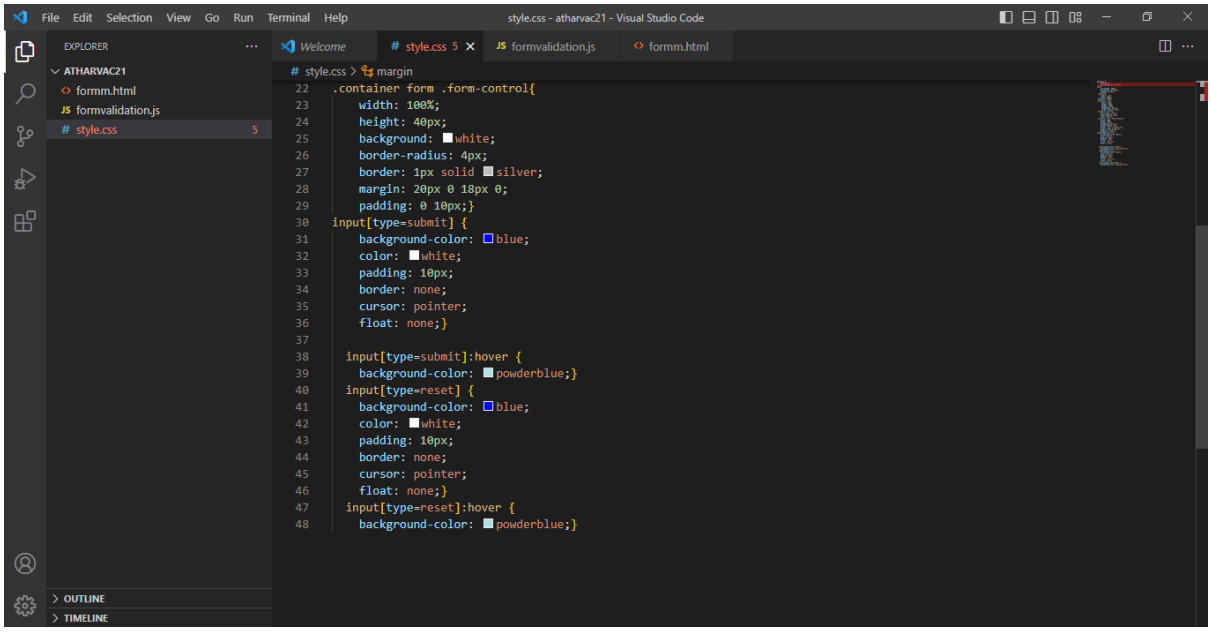
## HTML Code:



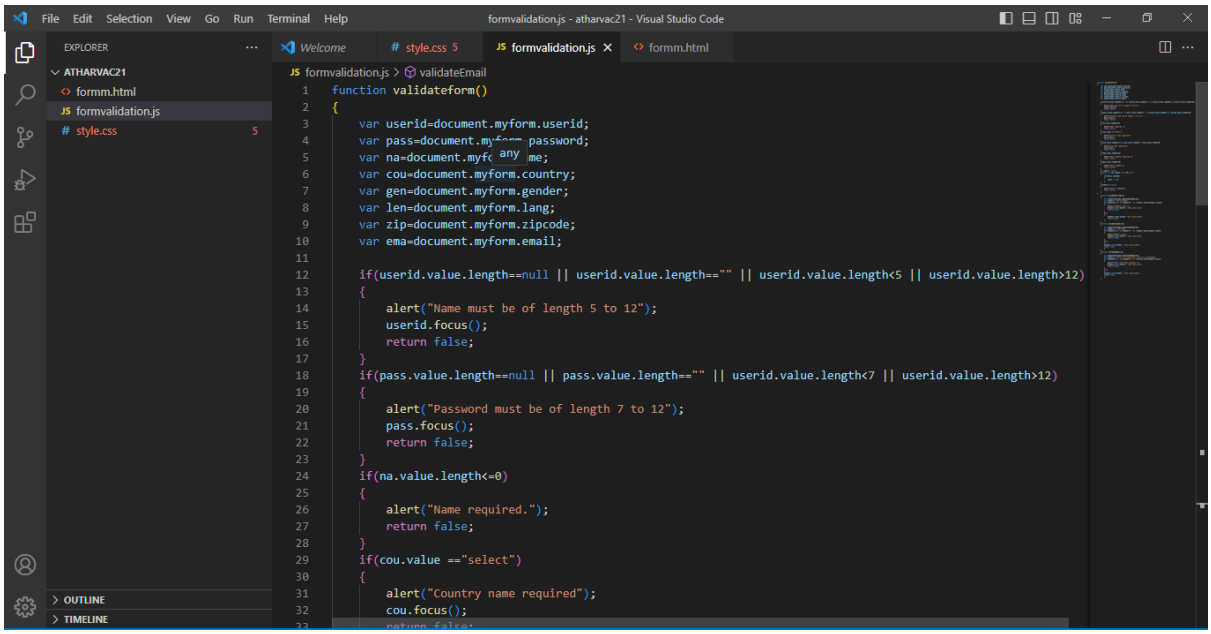



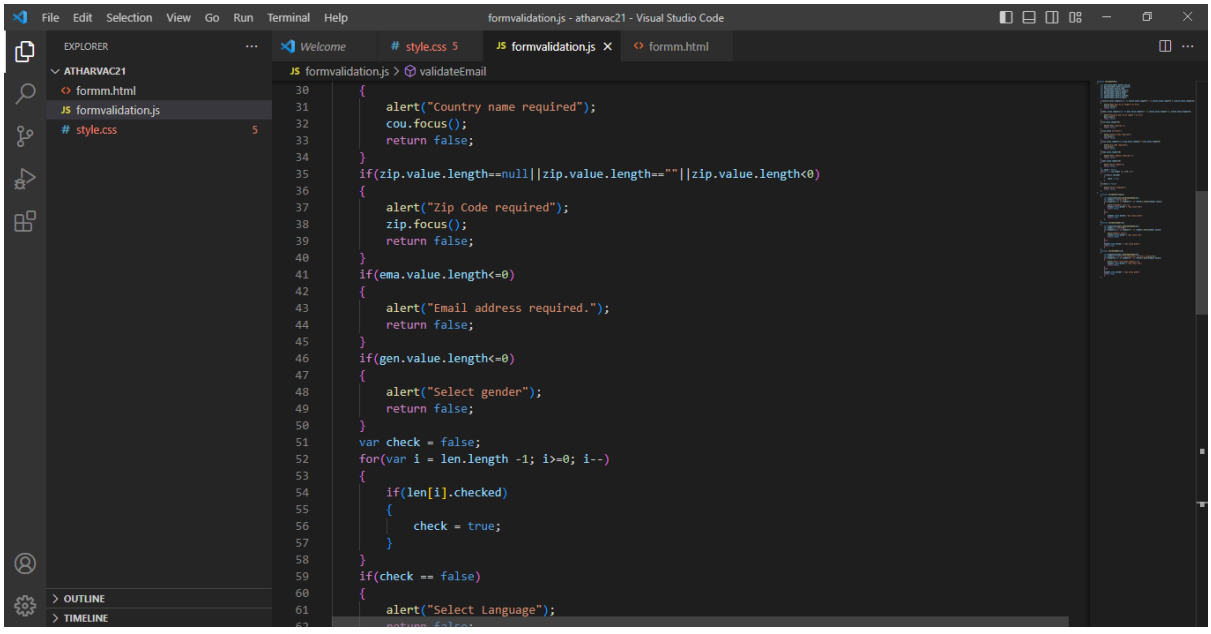
# CSS Code:

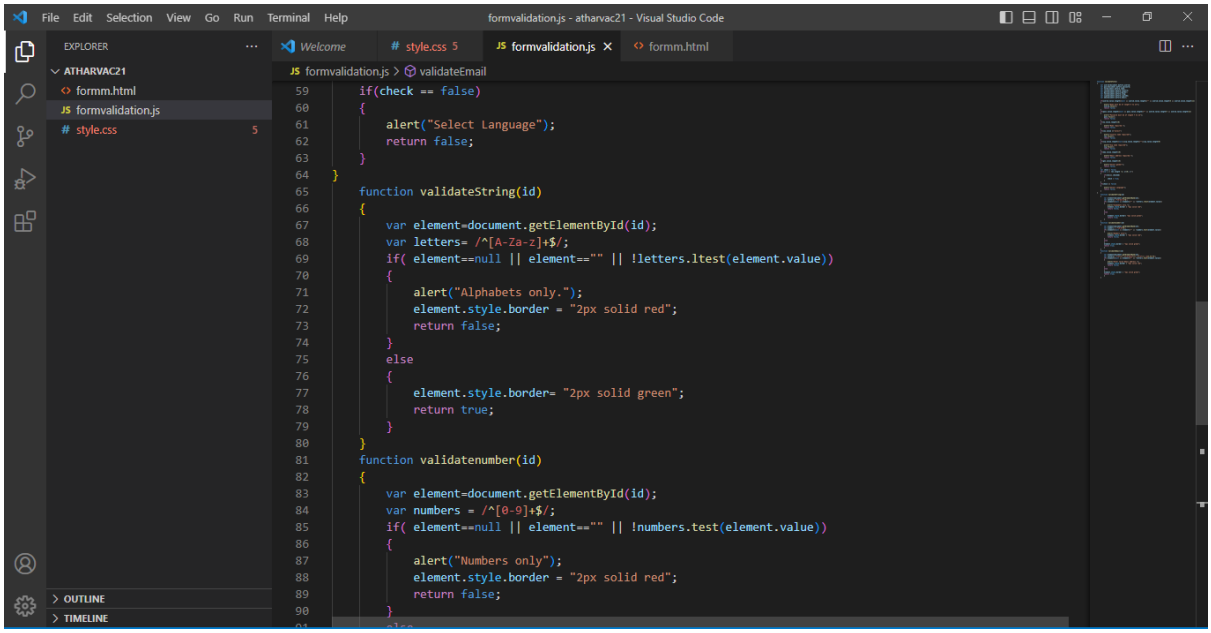

File Edit Selection View Go Run Terminal Help
style.css - atharvac21 - Visual Studio Code
EXPLORER
ATHARVAC21
formm.html
formvalidation.js
style.css 5
Welcome
style.css 5
formvalidation.js
formm.html
style.css > margin
1 *{margin: 0;
2 padding: 0;
3 box-sizing:border-box;}
4 body{
5 min-height: 100vh;
6 background: #b1d8e7;
7 display: flex;}
8 .container{
9 margin: auto;
10 width: 500px;
11 max-width: 90%;}
12 .container form{
13 width: 100%;
14 height: 100%;
15 padding: 20px;
16 background: white;
17 border-radius: 4px;}
18 .container form h1{
19 text-align: center;
20 margin-bottom: 24px;
21 color: #222;}
22 .container form .form-control{
23 width: 100%;
24 height: 40px;
25 background: white;
26 border-radius: 4px;
27 border: 1px solid silver;
28 margin: 20px 0 18px 0;
29 padding: 0 10px;}
30 input[type=submit] {
31 background-color: blue;
32 color: white;
OUTLINE
TIMELINE

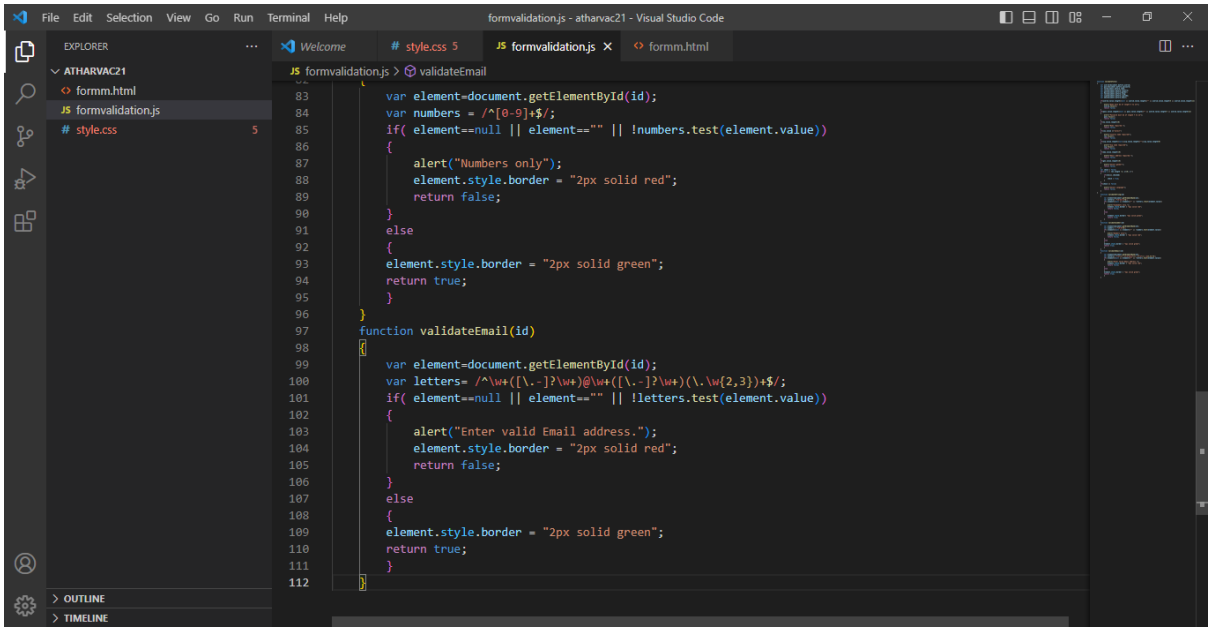

File Edit Selection View Go Run Terminal Help
style.css - atharvac21 - Visual Studio Code
EXPLORER
ATHARVAC21
formm.html
formvalidation.js
style.css 5
Welcome
style.css 5
formvalidation.js
formm.html
style.css > margin
22 .container form .form-control{
23 width: 100%;
24 height: 40px;
25 background: white;
26 border-radius: 4px;
27 border: 1px solid silver;
28 margin: 20px 0 18px 0;
29 padding: 0 10px;}
30 input[type=submit] {
31 background-color: blue;
32 color: white;
33 padding: 10px;
34 border: none;
35 cursor: pointer;
36 float: none;}
37
38 input[type=submit]:hover {
39 background-color: powderblue;}
40 input[type=reset] {
41 background-color: blue;
42 color: white;
43 padding: 10px;
44 border: none;
45 cursor: pointer;
46 float: none;}
47 input[type=reset]:hover {
48 background-color: powderblue;}
OUTLINE
TIMELINE

# Javascript Code:




File Edit Selection View Go Run Terminal Help
formvalidation.js - atharvac21 - Visual Studio Code
EXPLORER
ATHARVAC21
formm.html
formvalidation.js
style.css 5
Welcome
style.css 5
formvalidation.js
formm.html
formvalidation.js > validateEmail
if(check == false)
{
alert("Select Language");
return false;
}
}
function validateString(id)
{
var element=document.getElementById(id);
var letters= /^[A-Za-z]+$/;
if( element==null || element=="" || !letters.ltest(element.value))
{
alert("Alphabets only.");
element.style.border = "2px solid red";
return false;
}
else
{
element.style.border= "2px solid green";
return true;
}
}
function validatenumber(id)
{
var element=document.getElementById(id);
var numbers = /^[0-9]+$/;
if( element==null || element=="" || !numbers.test(element.value))
{
alert("Numbers only");
element.style.border = "2px solid red";
return false;
}
OUTLINE
TIMELINE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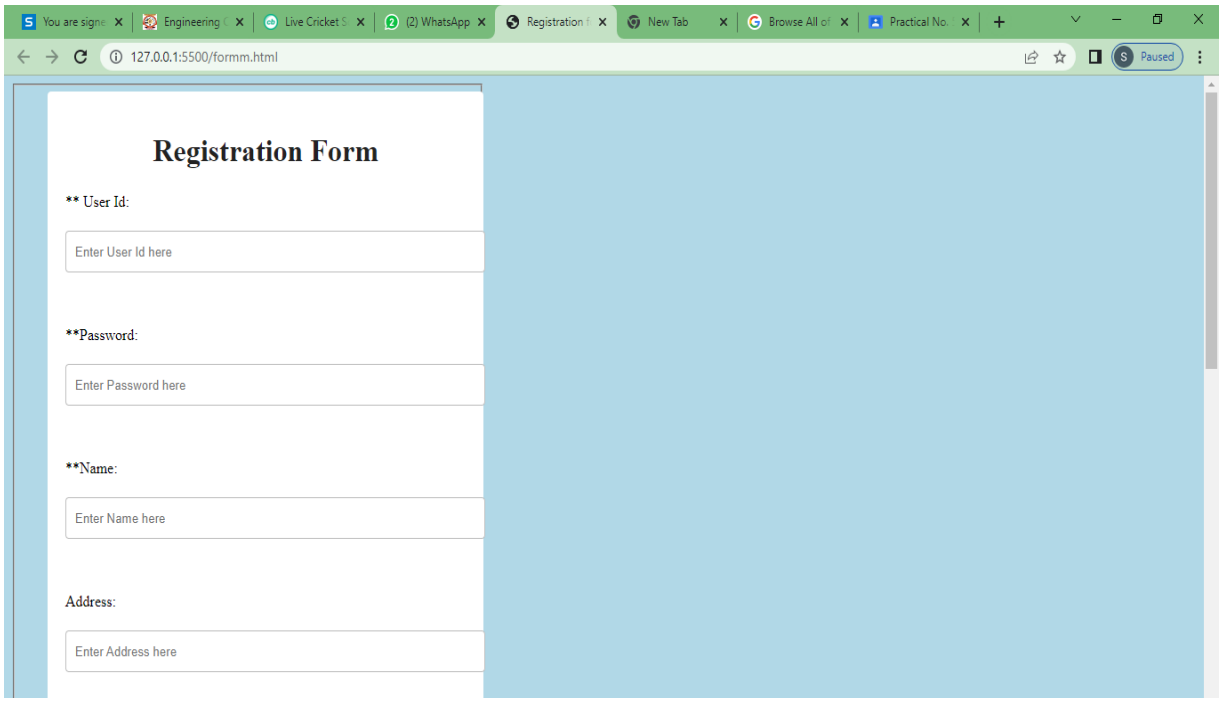
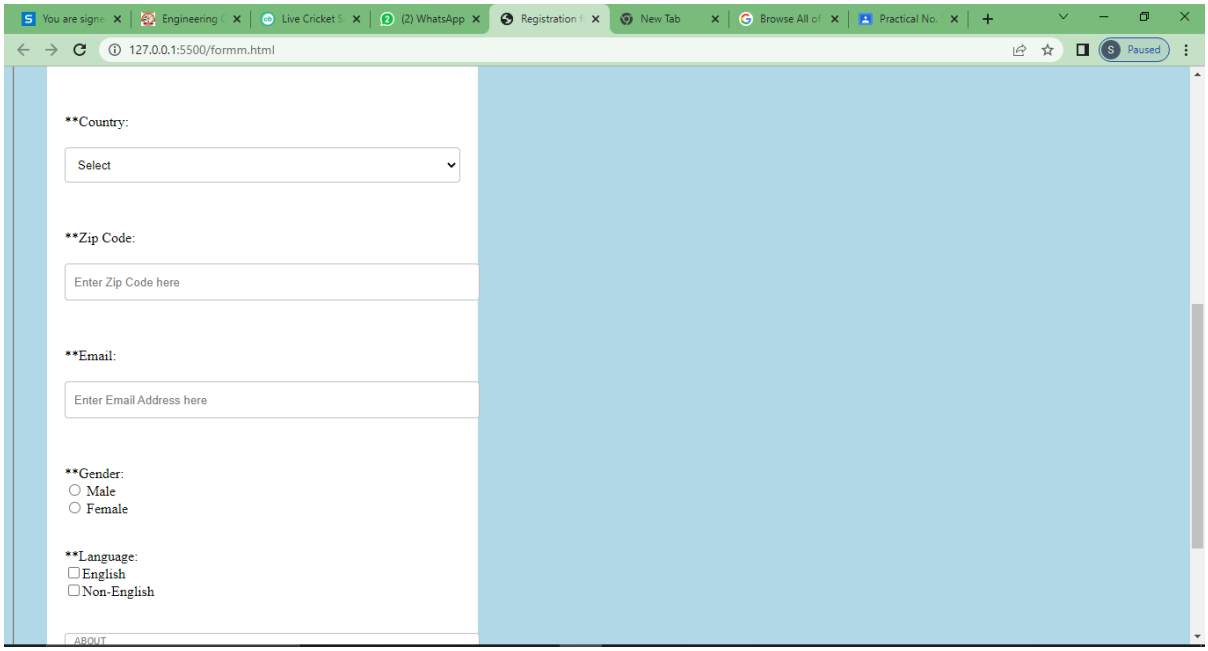
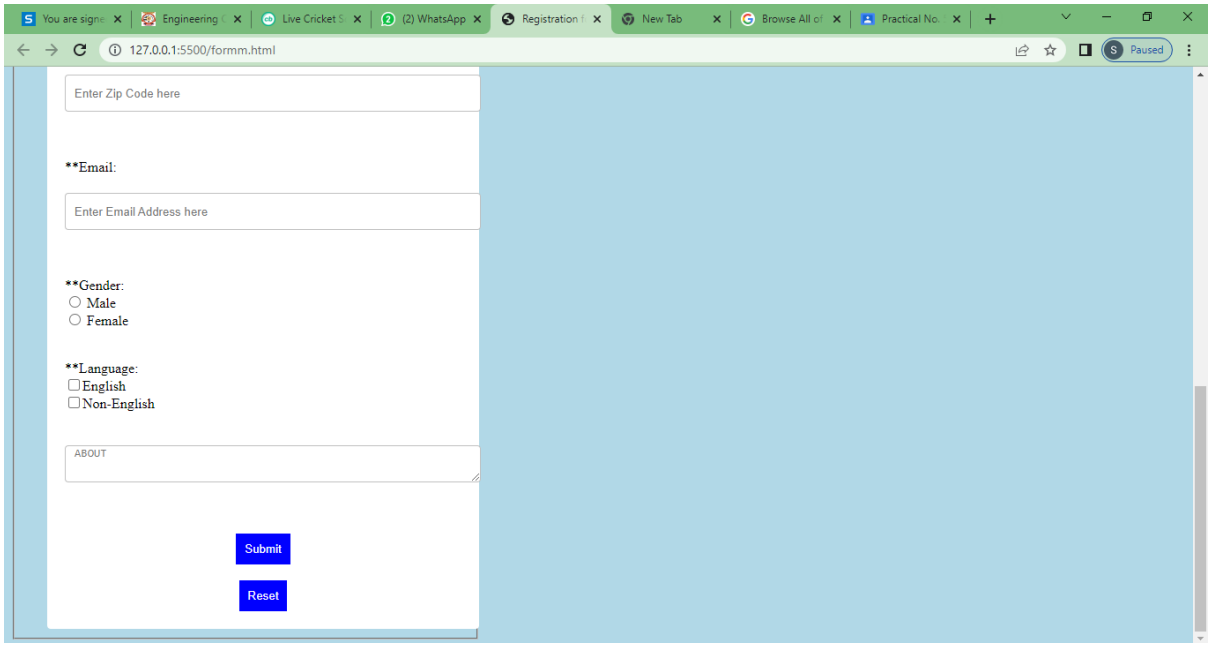
formvalidation.js - atharvac21 - Visual Studio Code
EXPLORER
ATHARVAC21
formm.html
formvalidation.js
style.css 5
Welcome
style.css 5
formvalidation.js
formm.html
formvalidation.js > validateEmail
var element=document.getElementById(id);
var numbers = /^[0-9]+$/;
if( element==null || element=="" || !numbers.test(element.value))
{
alert("Numbers only");
element.style.border = "2px solid red";
return false;
}
else
{
element.style.border = "2px solid green";
return true;
}
}
function validateEmail(id)
{
var element=document.getElementById(id);
var letters= /^\w+([\.-]?\w+)@\w+([\.-]?\w+)(\.\w{2,3})+$/;
if( element==null || element=="" || !letters.test(element.value))
{
alert("Enter valid Email address.");
element.style.border = "2px solid red";
return false;
}
else
{
element.style.border = "2px solid green";
return true;
}
}
OUTLINE
TIMELINE

# Output:


127.0.0.1:5500/formm.html
Registration Form
** User Id:
Enter User Id here
**Password:
Enter Password here
**Name:
Enter Name here
Address:
Enter Address here


127.0.0.1:5500/formm.html
**Country:
Select
**Zip Code:
Enter Zip Code here
**Email:
Enter Email Address here
**Gender:
Male
Female
**Language:
English
Non-English
ABOUT




**Conclusion**: We can create the form on web page, make convenient buttons and text field and validate the functioning of the button using javascript. We can successfully evaluate the result in alert box as we type in wrong information.