Web Programming 1_Lab_5

Eng Rana Mohamed
rana.9237.gabr@gmail.com

HTML Forms

HTML Forms

- The HTML <form> </form> element is used to create an HTML form for user input.
- The <form> element is a container for different types of input elements, such as: text fields, checkboxes, radio buttons, submit buttons.
- The HTML <input> element is the most used form element.

HTML Forms

- An <input> element can be displayed in many ways, depending on the type attribute.

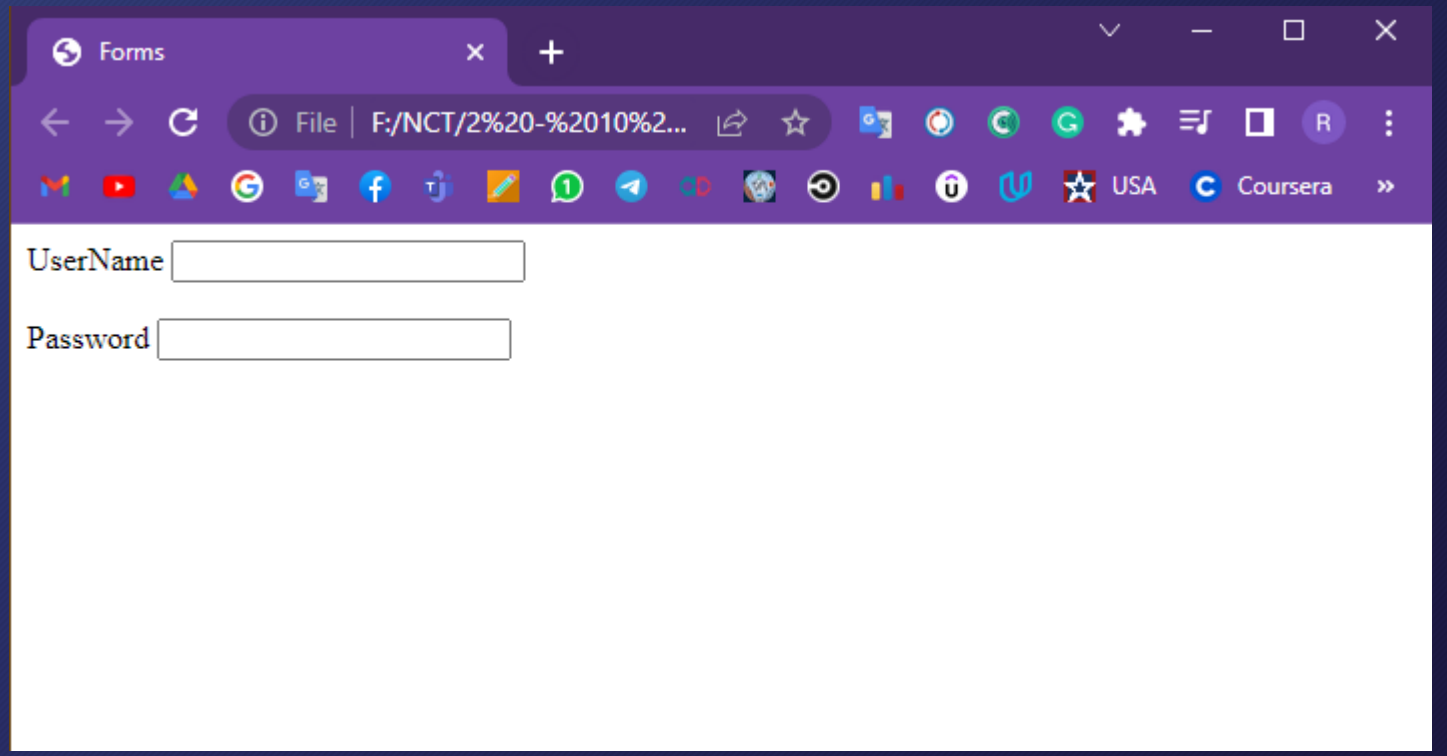
Type	Description
<input type="text">	Displays a single-line text input field
<input type="radio">	Displays a radio button (for selecting one of many choices)
<input type="checkbox">	Displays a checkbox (for selecting zero or more of many choices)
<input type="submit">	Displays a submit button (for submitting the form)
<input type="button">	Displays a clickable button

HTML Forms

- The <label> tag defines a label for many form elements.
- The <input type="radio"> defines a radio button.
- Radio buttons let a user select ONE of a limited number of choices.

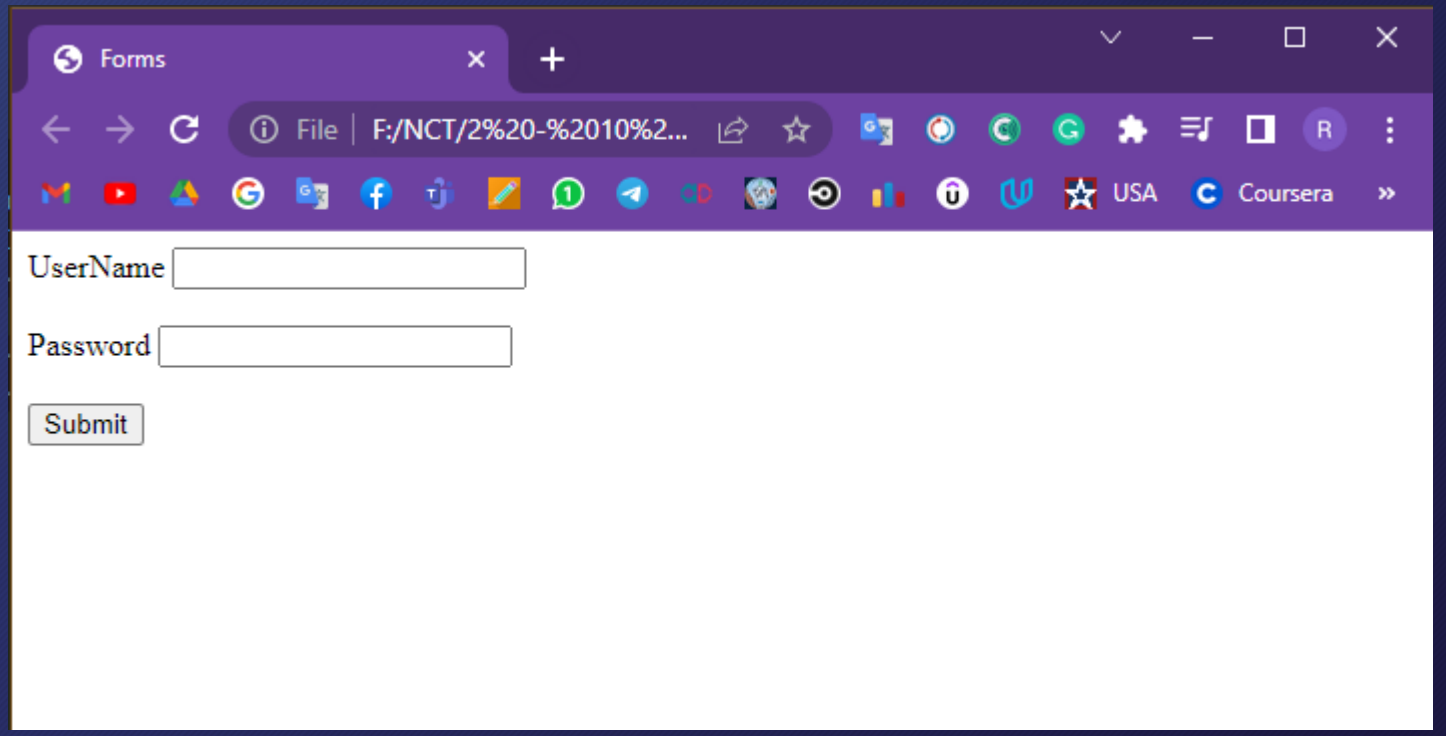
Type = “text” & = “password”

```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label>UserName</label>
            <input type="text">
            <br>
            <br>
            <label>Password</label>
            <input type="password">
        </form>
    </body>
</html>
```

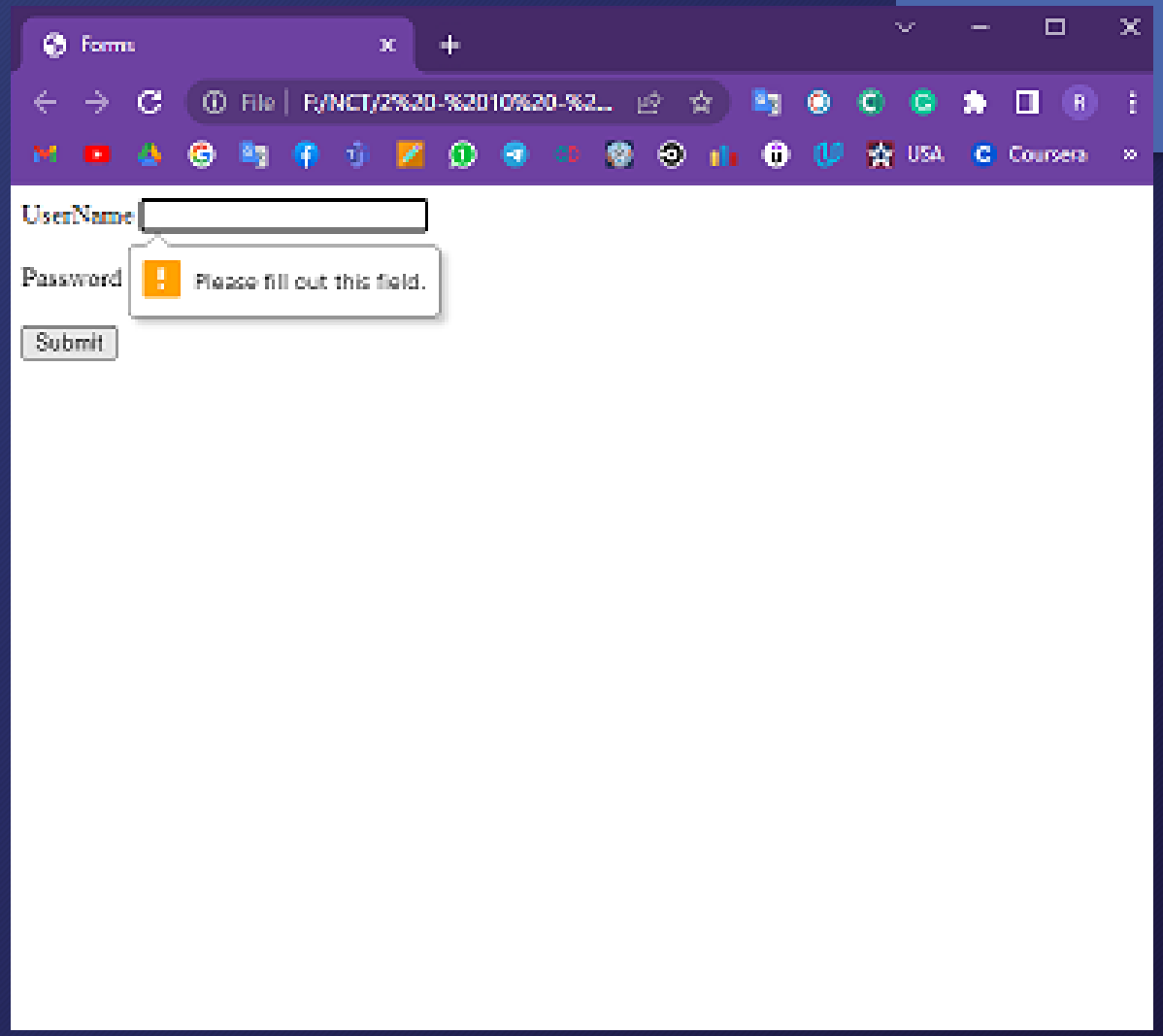


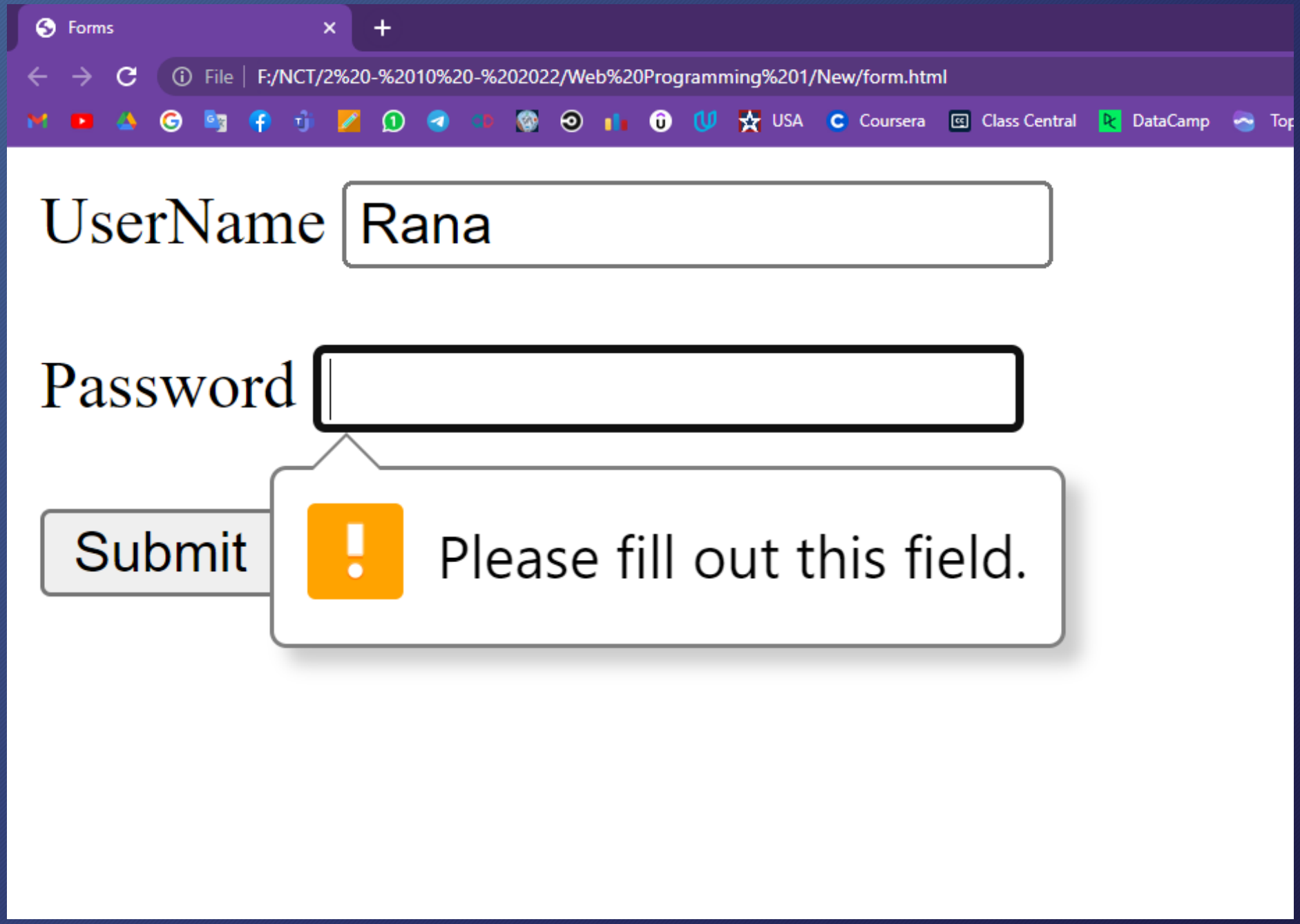
Type = “submit”

```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label>UserName</label>
            <input type="text">
            <br>
            <br>
            <label>Password</label>
            <input type="password">
            <br>
            <br>
            <input type="submit">
        </form>
    </body>
</html>
```

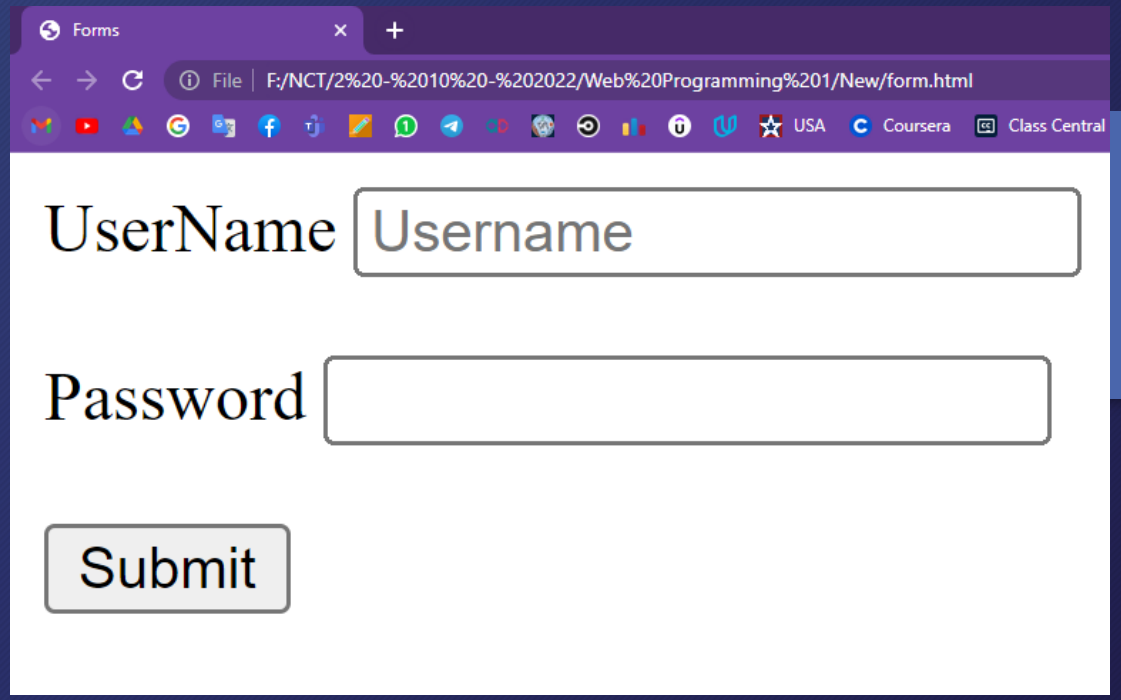


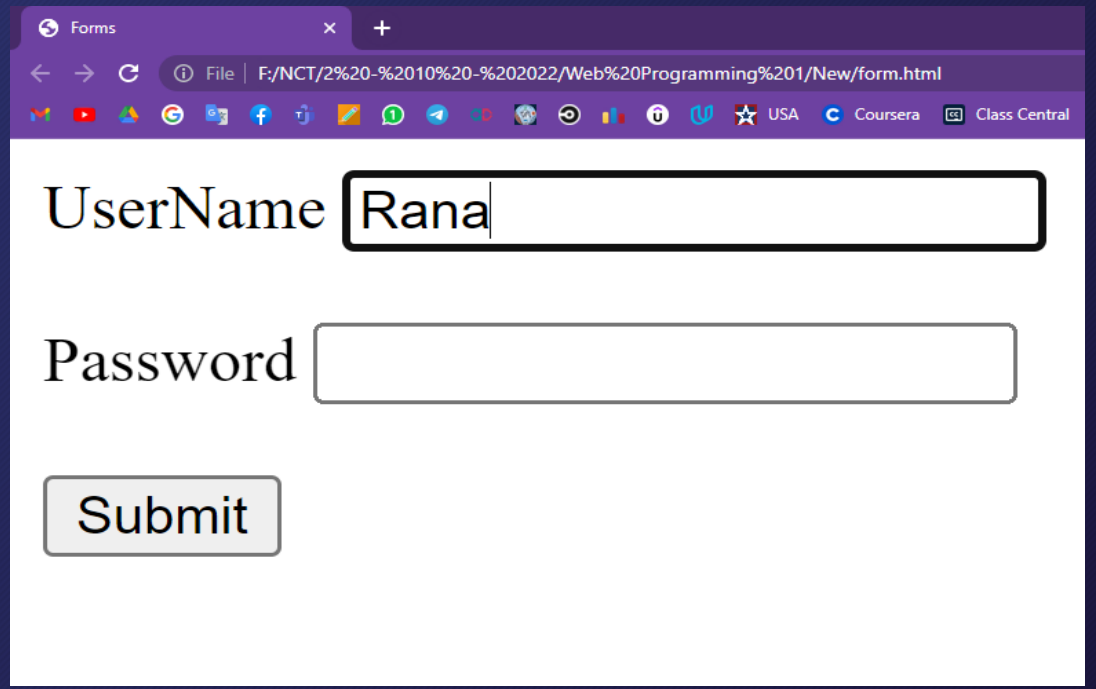
```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label>UserName</label>
            <input type="text" required>
            <br>
            <br>
            <label>Password</label>
            <input type="password“ required>
            <br>
            <br>
            <input type="submit">
        </form>
    </body>
</html>
```




Forms
File | F:/NCT/2%20-%2010%20-%202022/Web%20Programming%201/New/form.html
USA
Coursera
Class Central
DataCamp
UserName
Rana
Password
Submit
Please fill out this field.

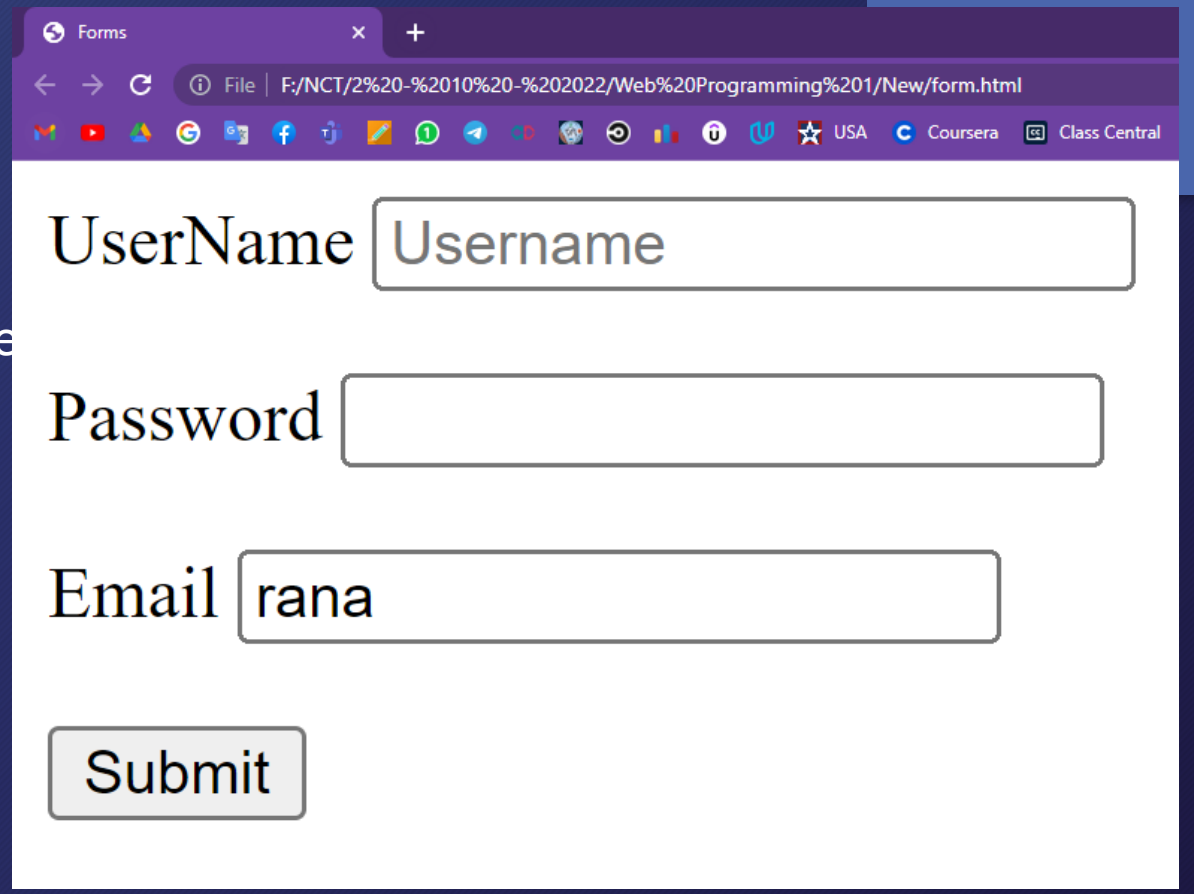
```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label>UserName</label>
            <input type="text" required
placeholder="Username">
            <br>
            <br>
            <label>Password</label>
            <input type="password“ required>
            <br>
            <br>
            <input type="submit">
        </form>
    </body>
</html>
```



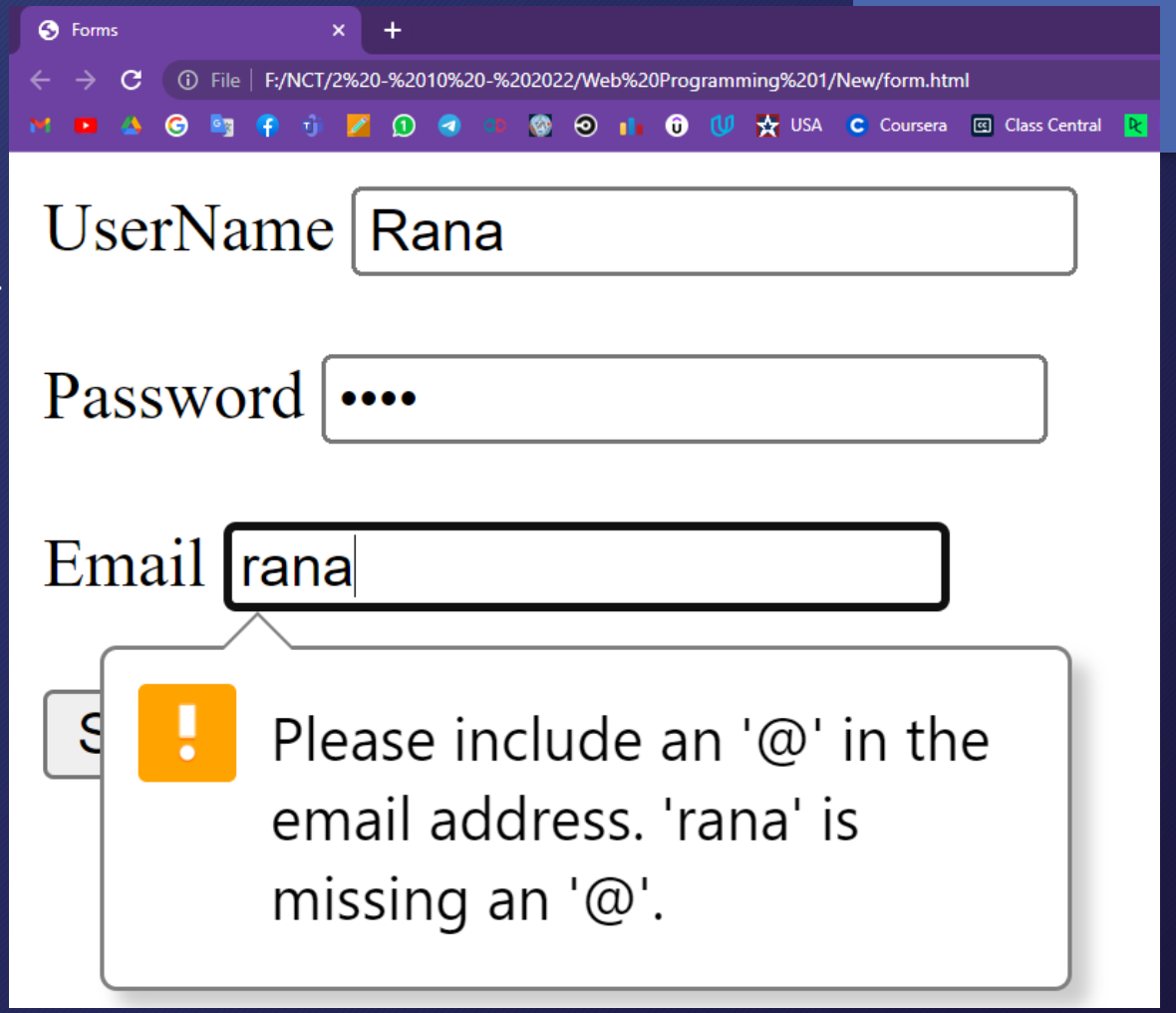


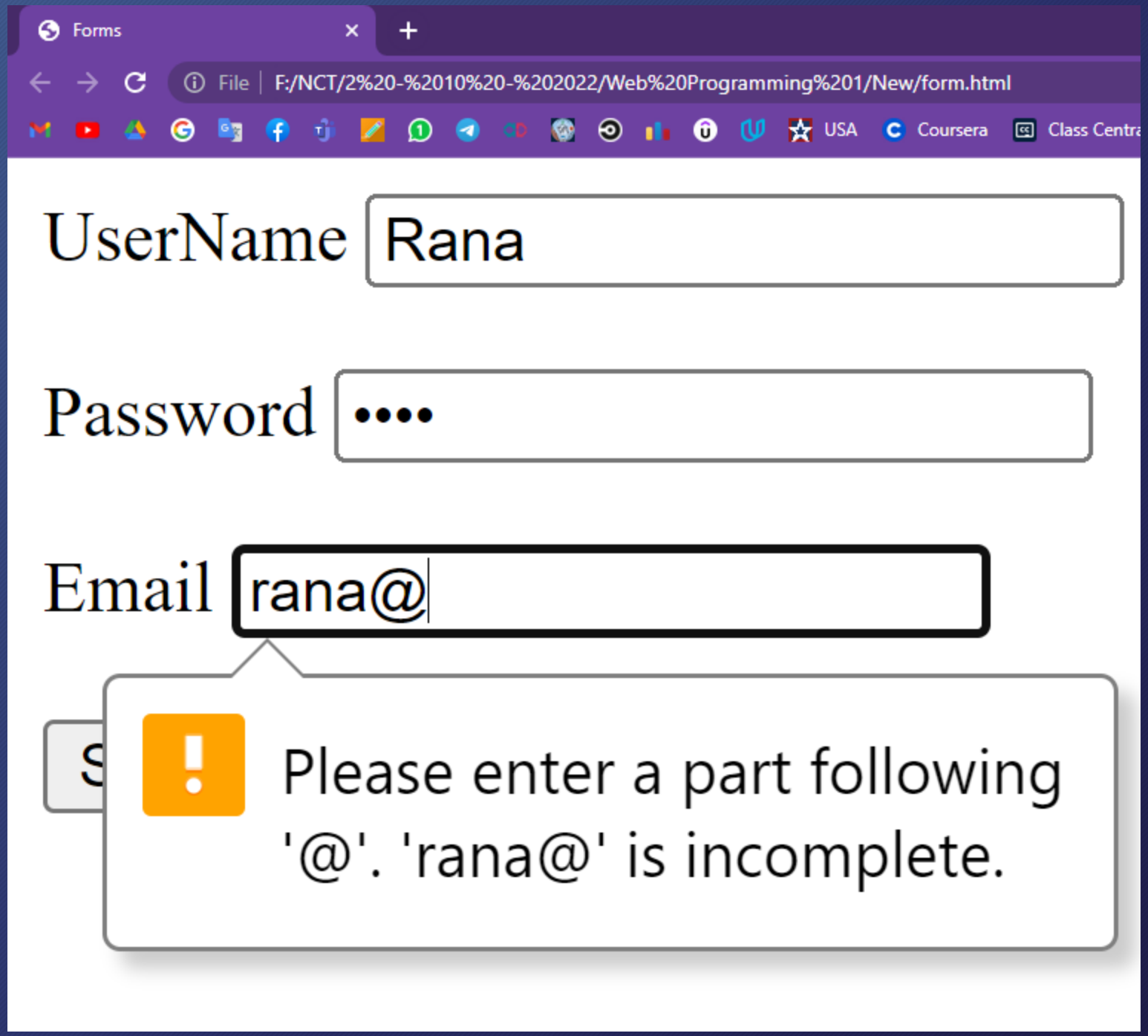
Type = “email”

```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label>UserName</label>
            <input type="text" required placeholder="Username
            <br>
            <br>
            <label>Password</label>
            <input type="password"required>
            <br>
            <br>
            <lable>Email</lable>
            <input type="text">
            <br>
            <br>
            <input type="submit">
        </form>
    </body>
</html>
```

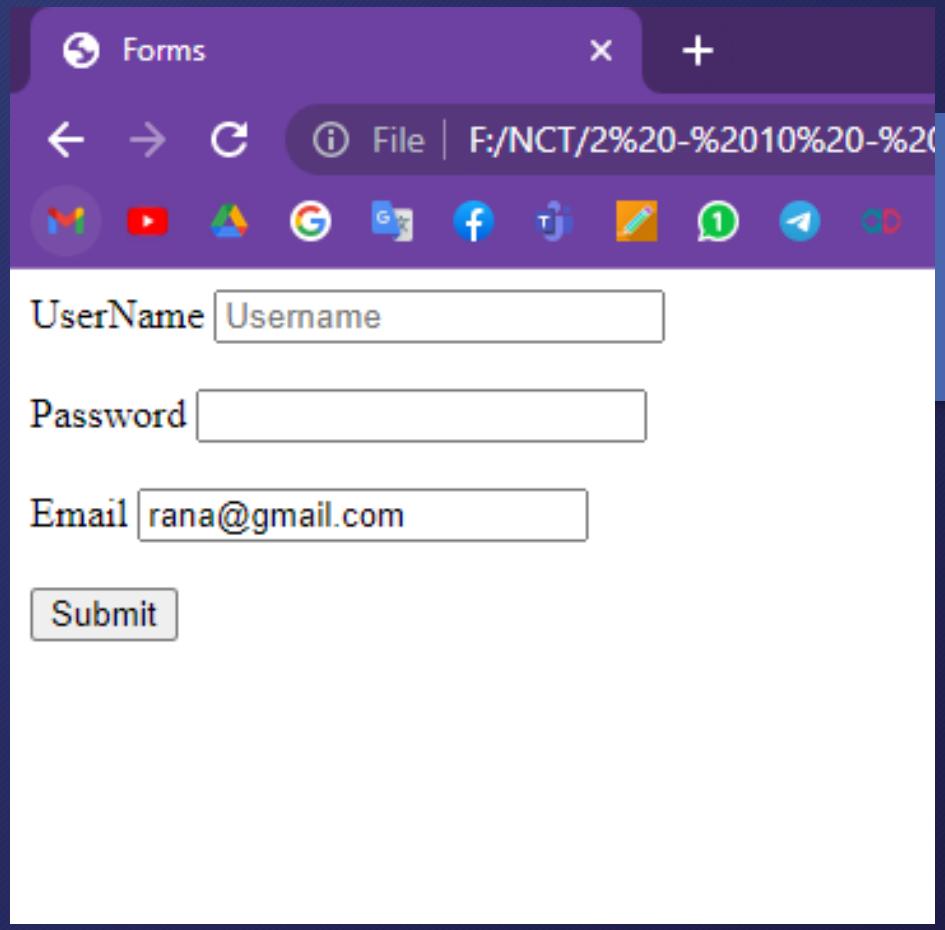


```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label>UserName</label>
            <input type="text" required placeholder="Username">
            <br>
            <br>
            <label>Password</label>
            <input type="password“ required>
            <br>
            <br>
            <label>Email</label>
            <input type="email">
            <br>
            <br>
            <input type="submit">
        </form>
    </body>
</html>
```

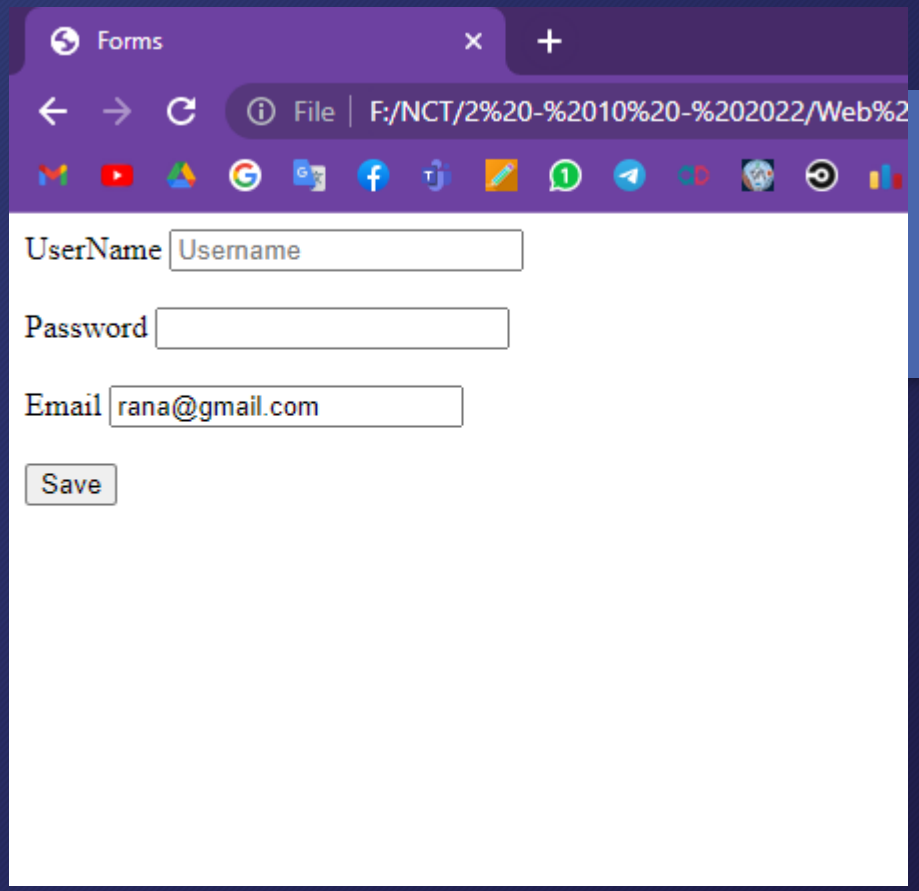



Forms
File | F:/NCT/2%20-%2010%20-%202022/Web%20Programming%201/New/form.html
USA
Coursera
Class Centra
UserName
Rana
Password
••••
Email
rana@
Please enter a part following '@'. 'rana@' is incomplete.

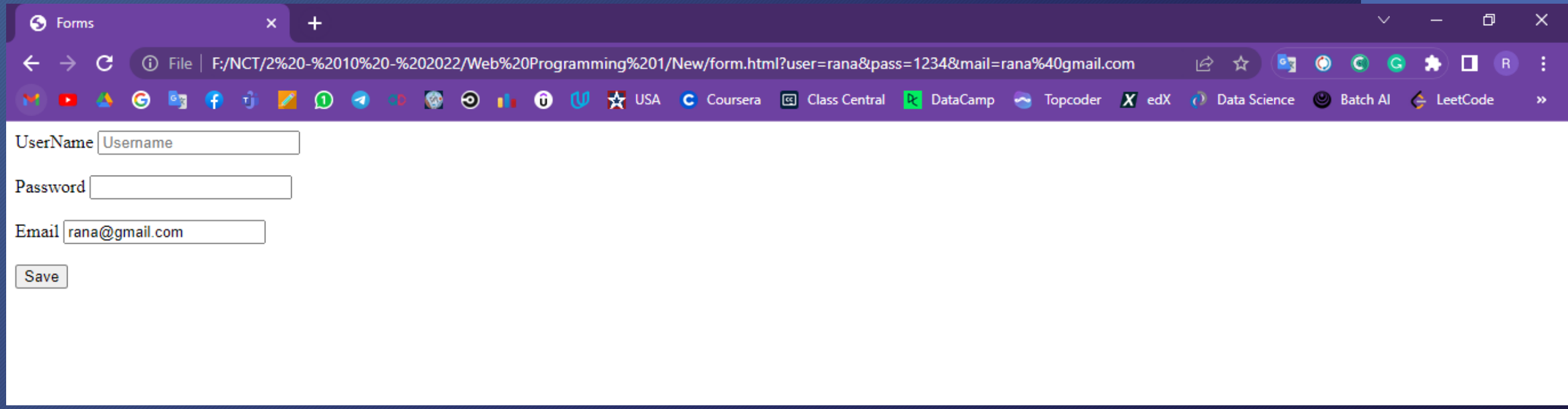
```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label>Username</label>
          <input type="text" required placeholder="Username">
          <br>
           <br>
          <label>Password</label>
          <input type="password" required>
          <br>
          <br>
          <label>Email</label>
          <input type="email“ placeholder="mail" value="rana@gmail.com">
          <br>
          <br>
          <input type="submit">
        </form>
    </body>
</html>
```



```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label>UserName</label>
            <input type="text" required placeholder="Username">
            <br>
            <br>
            <label>Password</label>
            <input type="password“ required>
            <br>
            <br>
            <label>Email</label>
            <input type="email" placeholder="write email" value="rana@gmail.com">
            <br>
            <br>
            <input type="submit" value="Save">
        </form>
    </body>
</html>
```

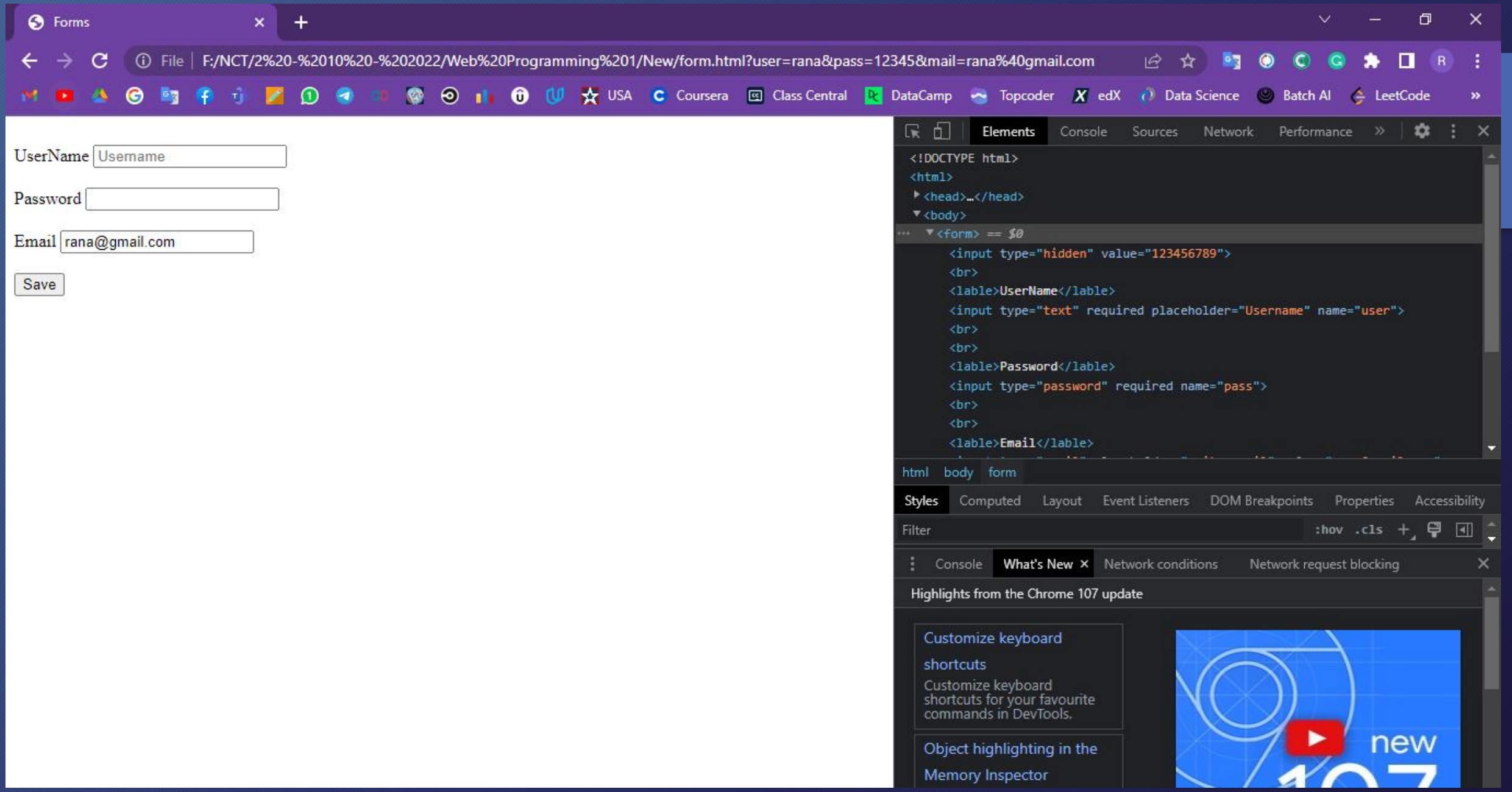


```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label>UserName</label>
            <input type="text" required placeholder="Username" name="user">
            <br>
            <br>
            <label>Password</label>
            <input type="password“ required name="pass">
            <br>
            <br>
            <label>Email</label>
            <input type="email" placeholder="write email" value="rana@gmail.com" name="mail">
            <br>
            <br>
            <input type="submit" value="Save">
        </form>
    </body>
</html>
```


Forms
File
F:/NCT/2%20-%2010%20-%202022/Web%20Programming%201/New/form.html?user=rana&pass=1234&mail=rana%40gmail.com
USA
Coursera
Class Central
DataCamp
Topcoder
edX
Data Science
Batch AI
LeetCode
UserName
Username
Password
Email
rana@gmail.com
Save

Type = “hidden”

```
<!DOCTYPE html>
<html>
   <head>
      <title>Forms</title>
   </head>
   <body>
      <form>
         <input type="hidden" value="123456789">
         <br>
         <label>UserName</label>
         <input type="text" required placeholder="Username" name="user">
         <br>
         <br>
         <label>Password</label>
         <input type="password"required name="pass">
         <br>
         <br>
         <label>Email</label>
         <input type="email" placeholder="write email" value="rana@gmail.com" name="mail">
         <br>
         <br>
         <input type="submit" value="Save">
      </form>
   </body>
</html>
```


Forms
File F:/NCT/2%20-%2010%20-%202022/Web%20Programming%201/New/form.html?user=rana&pass=12345&mail=rana%40gmail.com
USA
Coursera
Class Central
DataCamp
Topcoder
edX
Data Science
Batch AI
LeetCode
UserName Username
Password
Email rana@gmail.com
Save
Elements
Console
Sources
Network
Performance
<!DOCTYPE html>
<html>
<head>…</head>
<body>
<form> == $0
<input type="hidden" value="123456789">

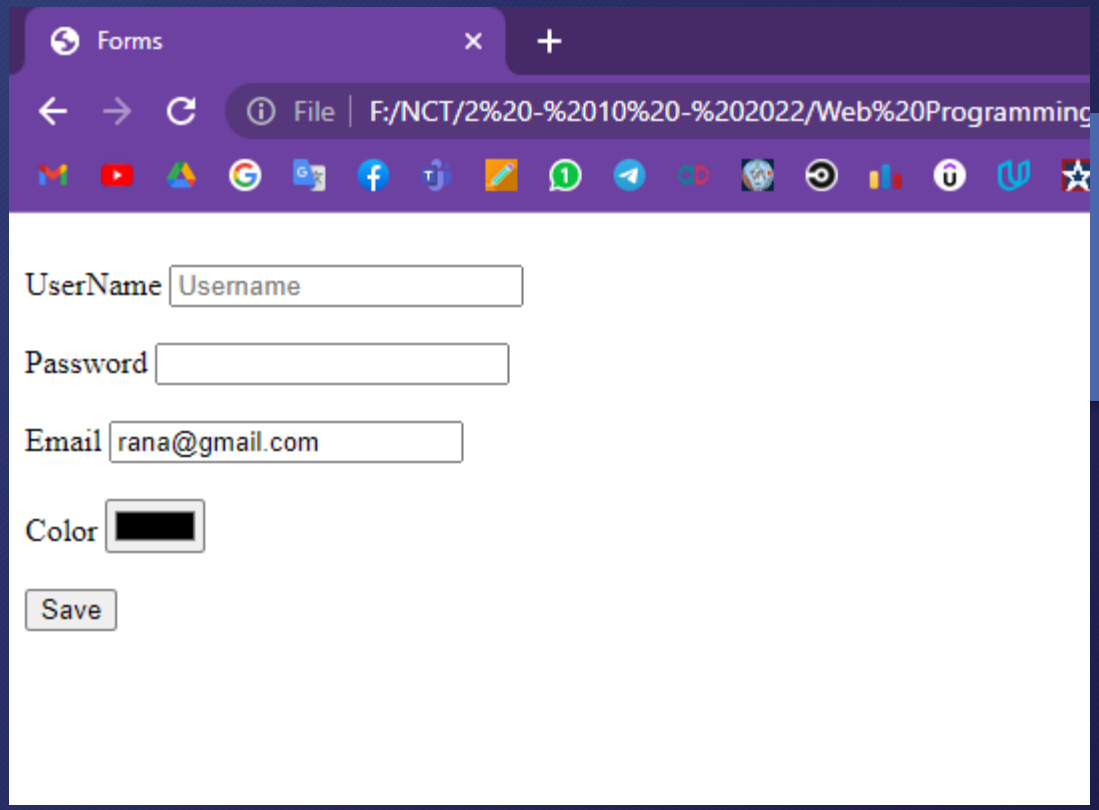
<lable>UserName</lable>
<input type="text" required placeholder="Username" name="user">

<lable>Password</lable>
<input type="password" required name="pass">

<lable>Email</lable>
html body form
Styles
Computed
Layout
Event Listeners
DOM Breakpoints
Properties
Accessibility
Filter
:hov .cls
Console
What's New
Network conditions
Network request blocking
Highlights from the Chrome 107 update
Customize keyboard shortcuts
Customize keyboard shortcuts for your favourite commands in DevTools.
Object highlighting in the Memory Inspector
new

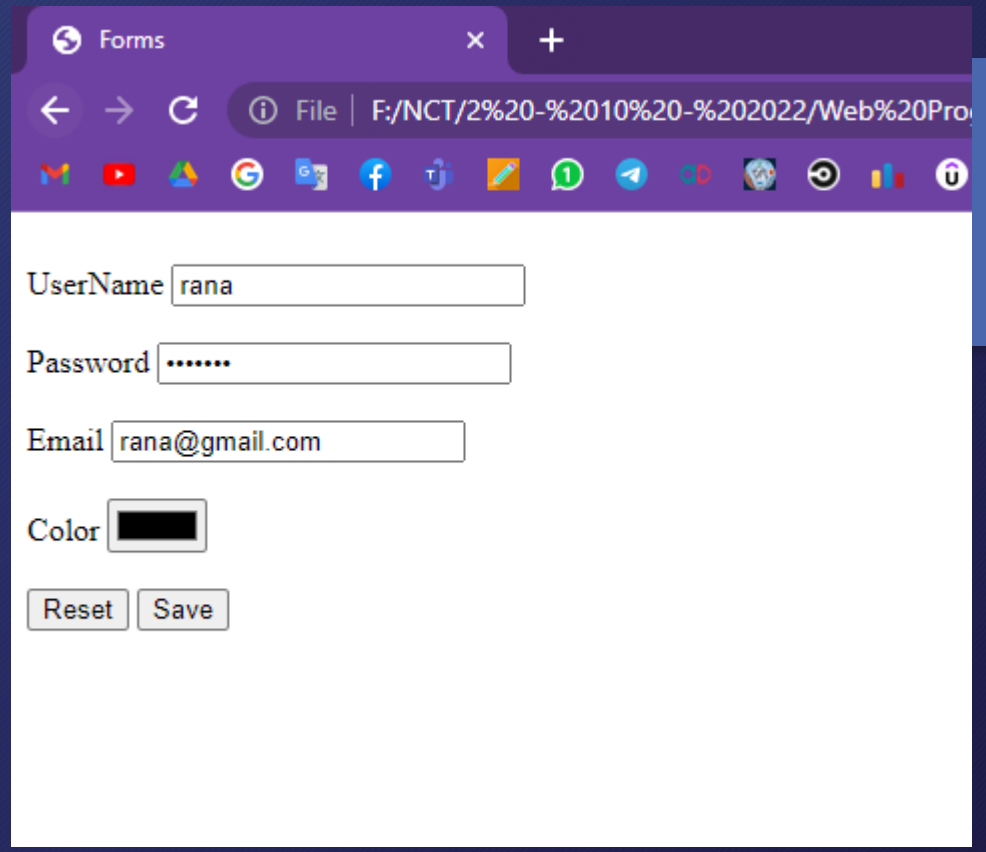
Type = “color”

```
<!DOCTYPE html>
<html>
   <head>
      <title>Forms</title>
   </head>
   <body>
      <form>
         <input type="hidden" value="123456789">
         <br>
         <label>UserName</label>
         <input type="text" required placeholder="Username" name="user">
         <br>
         <br>
         <label>Password</label>
         <input type="password"required name="pass">
         <br>
         <br>
         <label>Email</label>
         <input type="email" placeholder="write email" value="rana@gmail.com" name="mail">
         <br>
         <br>
         <label>Color</label>
         <input type="color" name="color">
         <br>
         <br>
         <input type="submit" value="Save">
      </form>
   </body>
</html>
```



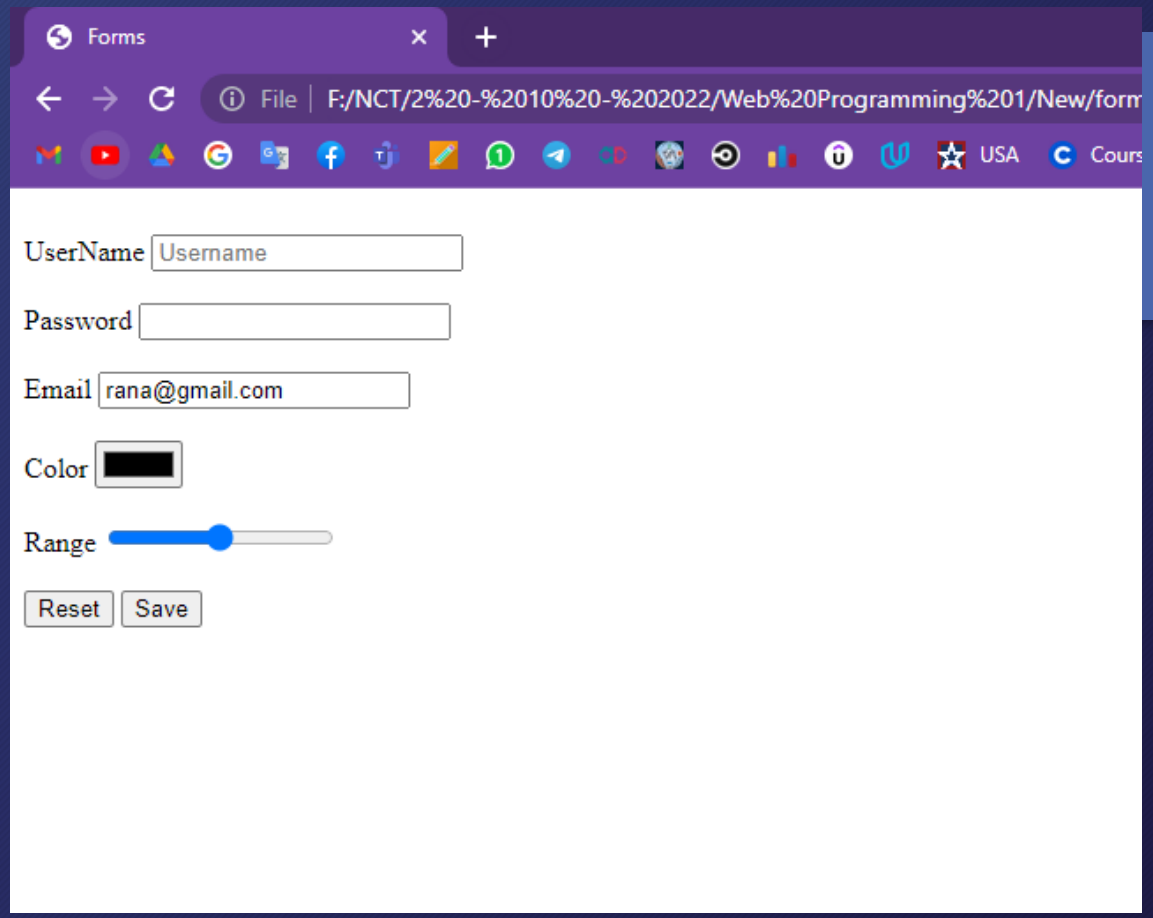
Type = “reset”

```
<!DOCTYPE html>
<html>
   <head>
      <title>Forms</title>
   </head>
   <body>
      <form>
         <input type="hidden" value="123456789">
         <br>
         <label>UserName</label>
         <input type="text" required placeholder="Username" name="user">
         <br>
         <br>
         <label>Password</label>
         <input type="password"required name="pass">
         <br>
         <br>
         <label>Email</label>
         <input type="email" placeholder="write email" value="rana@gmail.com"
name="mail">
         <br>
         <br>
         <label>Color</label>
         <input type="color" name="color">
         <br>
         <br>
         <input type="reset" value="Reset">
         <input type="submit" value="Save">
      </form>
   </body>
</html>
```

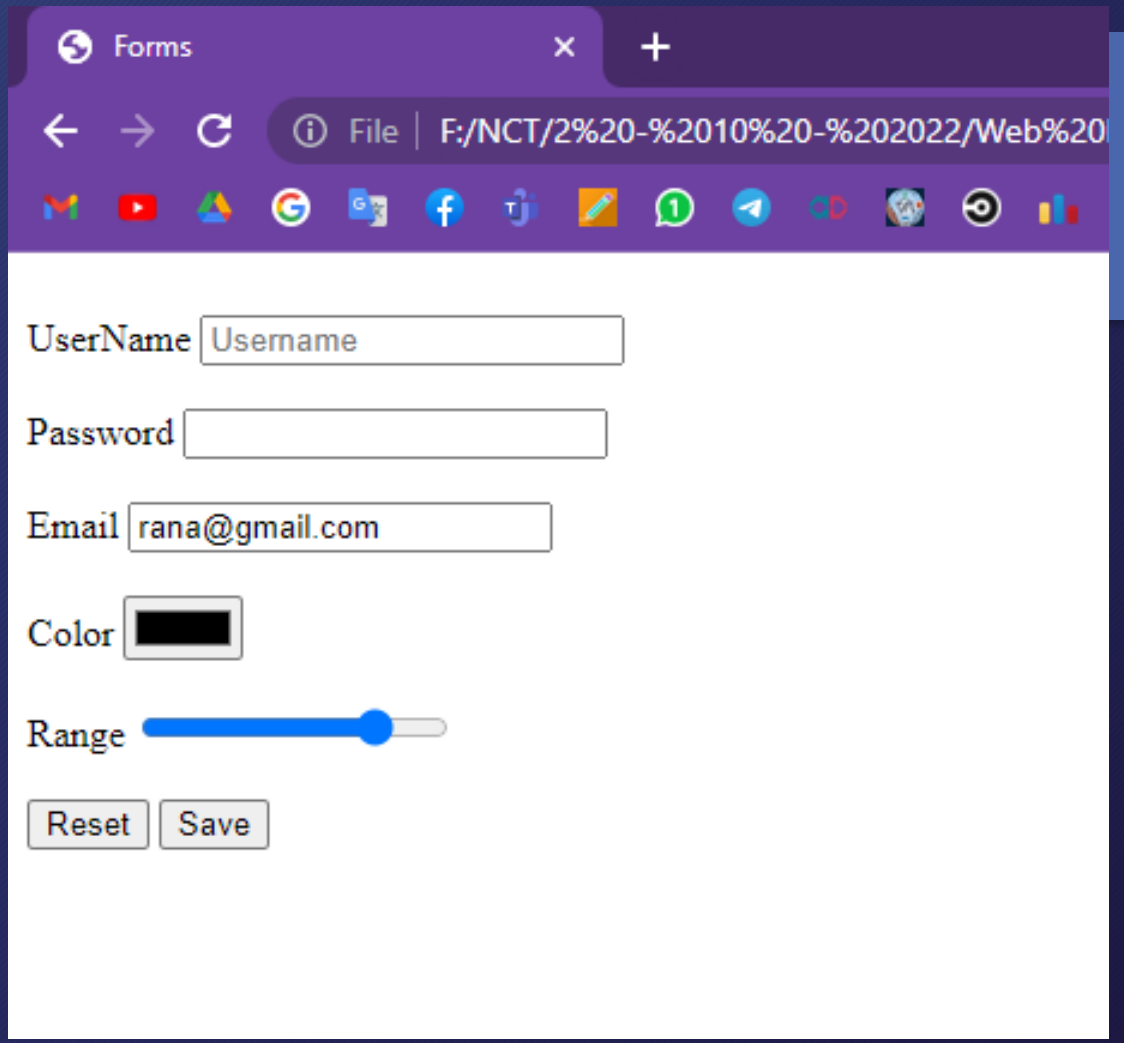


Type = “range”

```
<!DOCTYPE html>
<html>
   <head>
      <title>Forms</title>
   </head>
   <body>
      <form>
         <input type="hidden" value="123456789">
         <br>
         <label>UserName</label>
         <input type="text" required placeholder="Username" name="user">
         <br>
         <br>
         <label>Password</label>
         <input type="password"required name="pass">
         <br>
         <br>
         <label>Email</label>
         <input type="email" placeholder="write email" value="rana@gmail.com"
name="mail">
         <br>
         <br>
         <label>Color</label>
         <input type="color" name="color">
         <br>
         <br>
         <label>Range</label>
         <input type="range" name="range">
         <br>
         <br>
         <input type="reset" value="Reset">
         <input type="submit" value="Save">
      </form>
   </body>
</html>
```

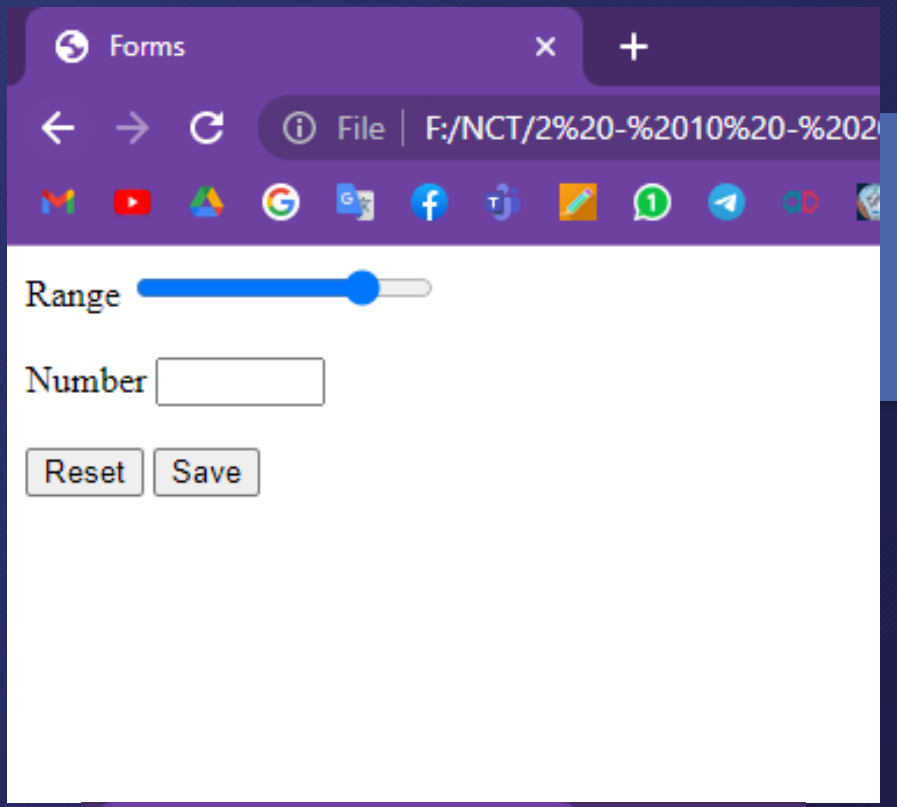


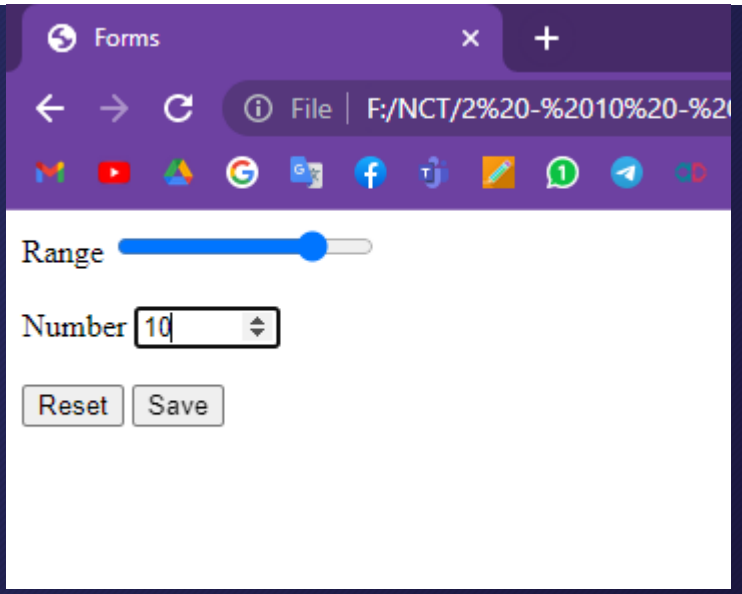
```
<!DOCTYPE html>
<html>
   <head>
      <title>Forms</title>
   </head>
   <body>
      <form>
         <input type="hidden" value="123456789">
         <br>
         <label>UserName</label>
         <input type="text" required placeholder="Username" name="user">
         <br>
         <br>
         <label>Password</label>
         <input type="password"required name="pass">
         <br>
         <br>
         <label>Email</label>
         <input type="email" placeholder="write email" value="rana@gmail.com"
name="mail">
         <br>
         <br>
         <label>Color</label>
         <input type="color" name="color">
         <br>
         <br>
         <label>Range</label>
         <input type="range" name="range" min="0" max="100" step="20" value="80">
         <br>
         <br>
         <input type="reset" value="Reset">
         <input type="submit" value="Save">
      </form>
   </body>
</html>
```



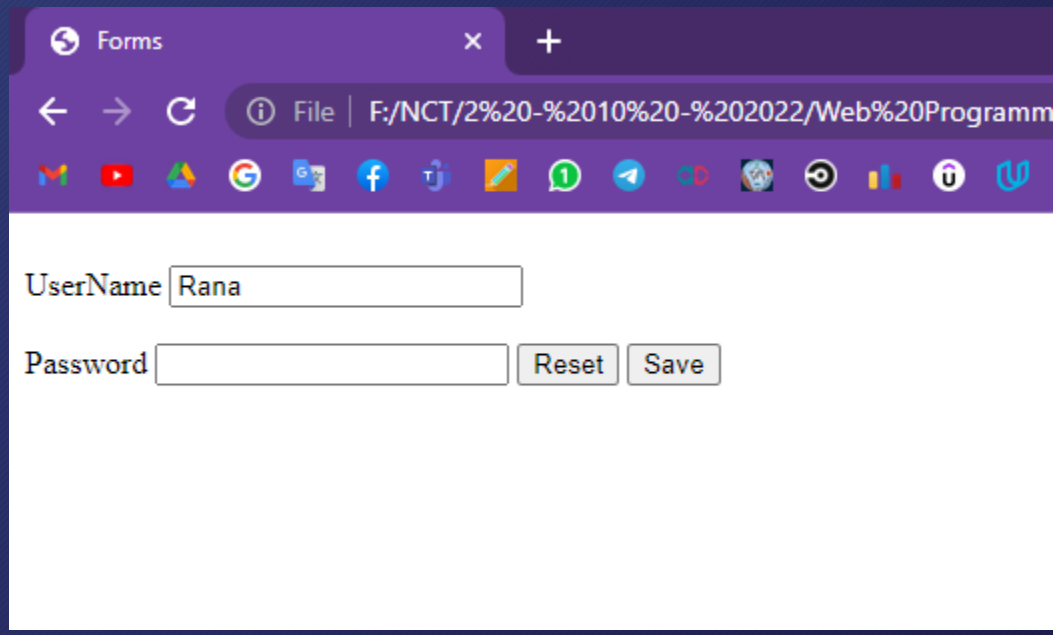
Type = “number”

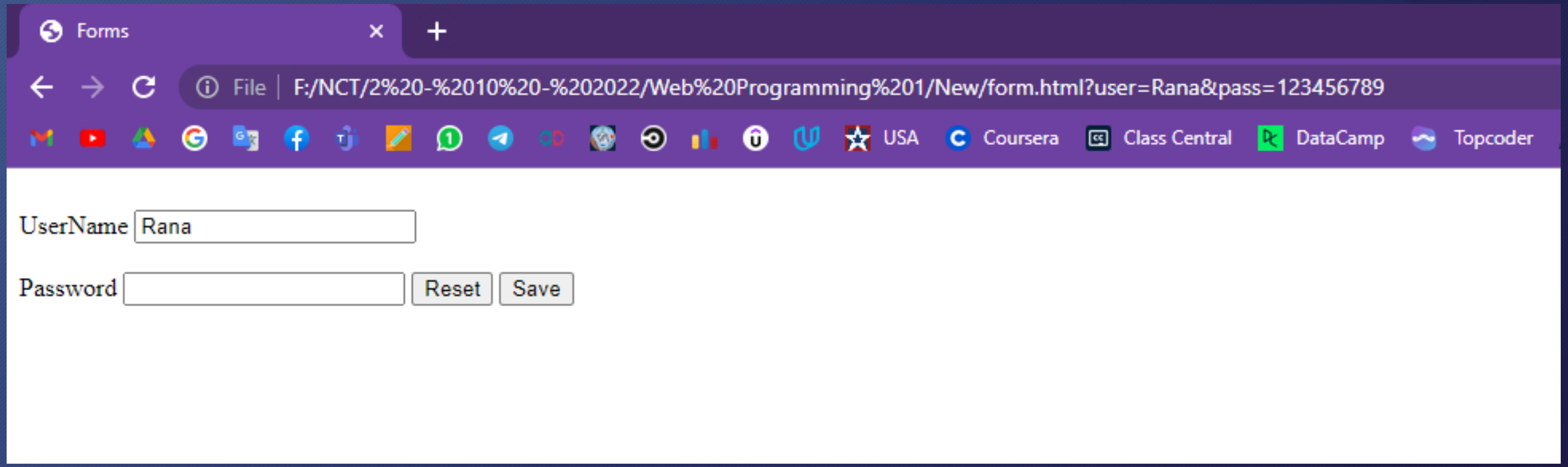
```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label>Range</label>
            <input type="range" name="range" min="0" max="100"
step="20" value="80">
            <br>
            <br>
            <label>Number</label>
            <input type="number" name="number" min="10"
max="100" step="10">
            <br>
            <br>
            <input type="reset" value="Reset">
            <input type="submit" value="Save">
        </form>
    </body>
</html>
```



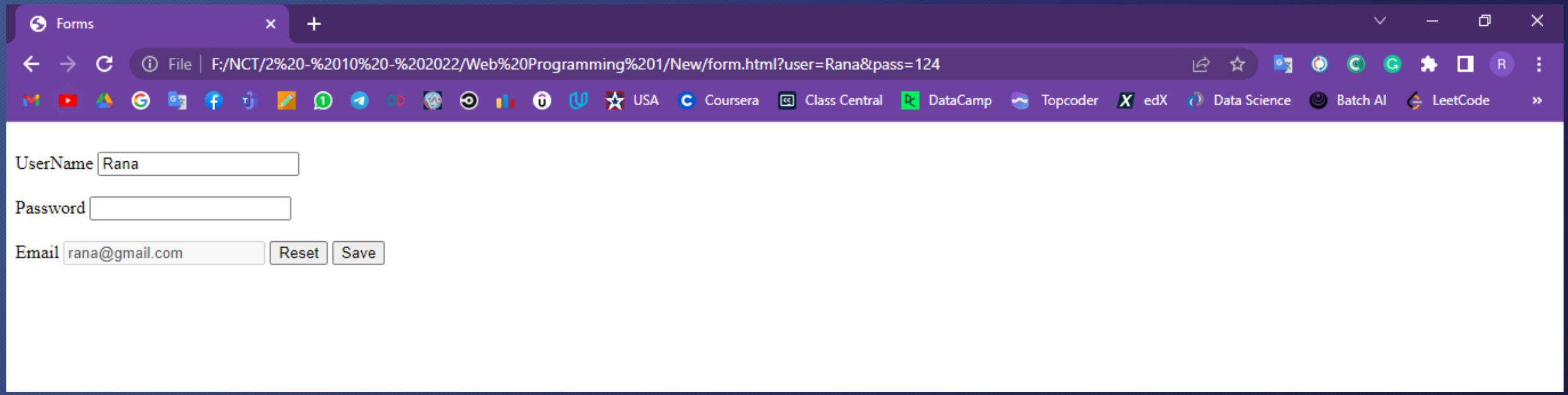


```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <input type="hidden" value="123456789">
            <br>
            <label>UserName</label>
            <input type="text" required placeholder="Username"
name="user" value="Rana" readonly>
            <br>
            <br>
            <label>Password</label>
            <input type="password"required name="pass">
            <input type="reset" value="Reset">
            <input type="submit" value="Save">
        </form>
    </body>
</html>
```

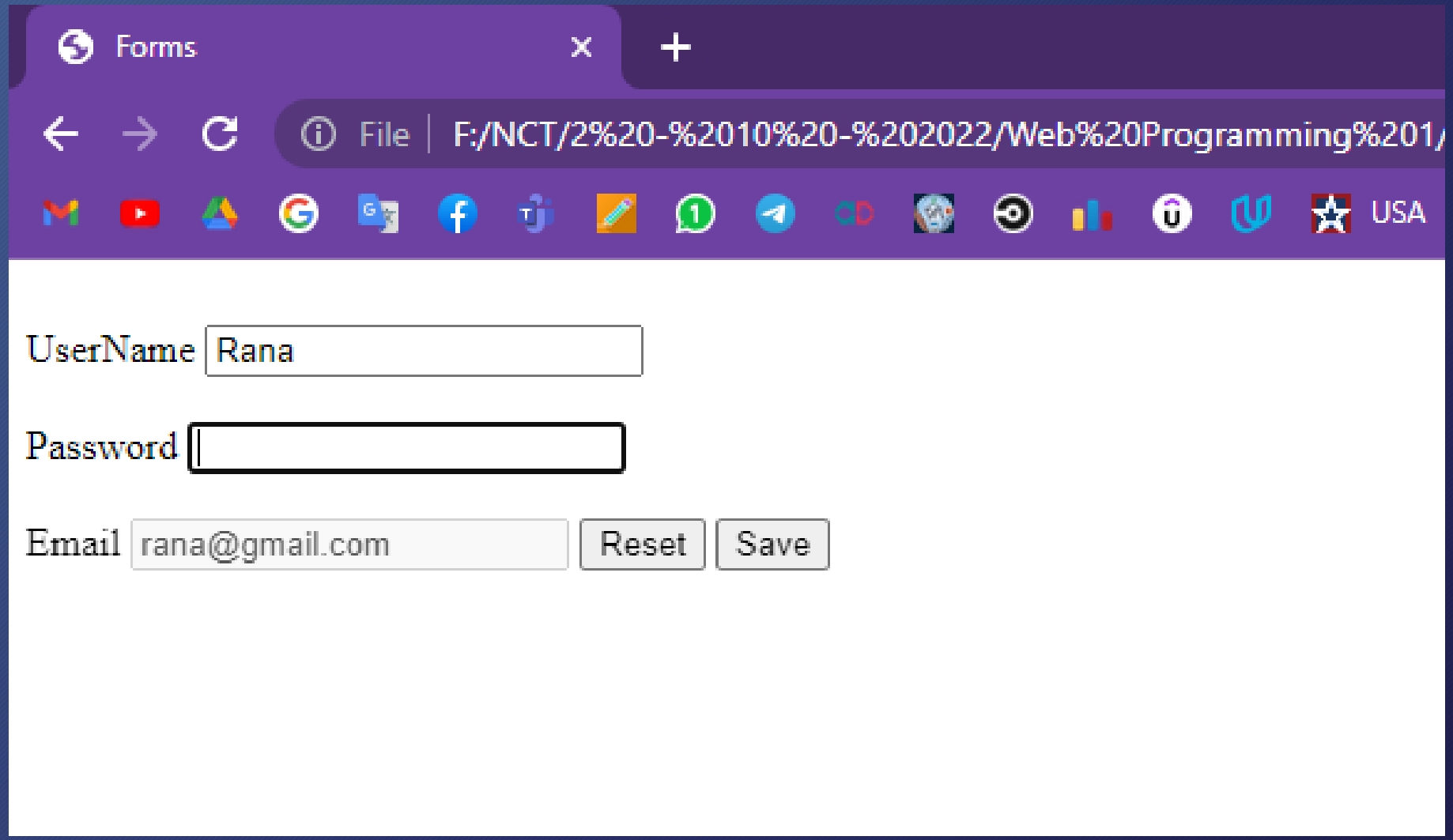



Forms
File | F:/NCT/2%20-%2010%20-%202022/Web%20Programming%201/New/form.html?user=Rana&pass=123456789
USA
Coursera
Class Central
DataCamp
Topcoder
UserName Rana
Password
Reset
Save

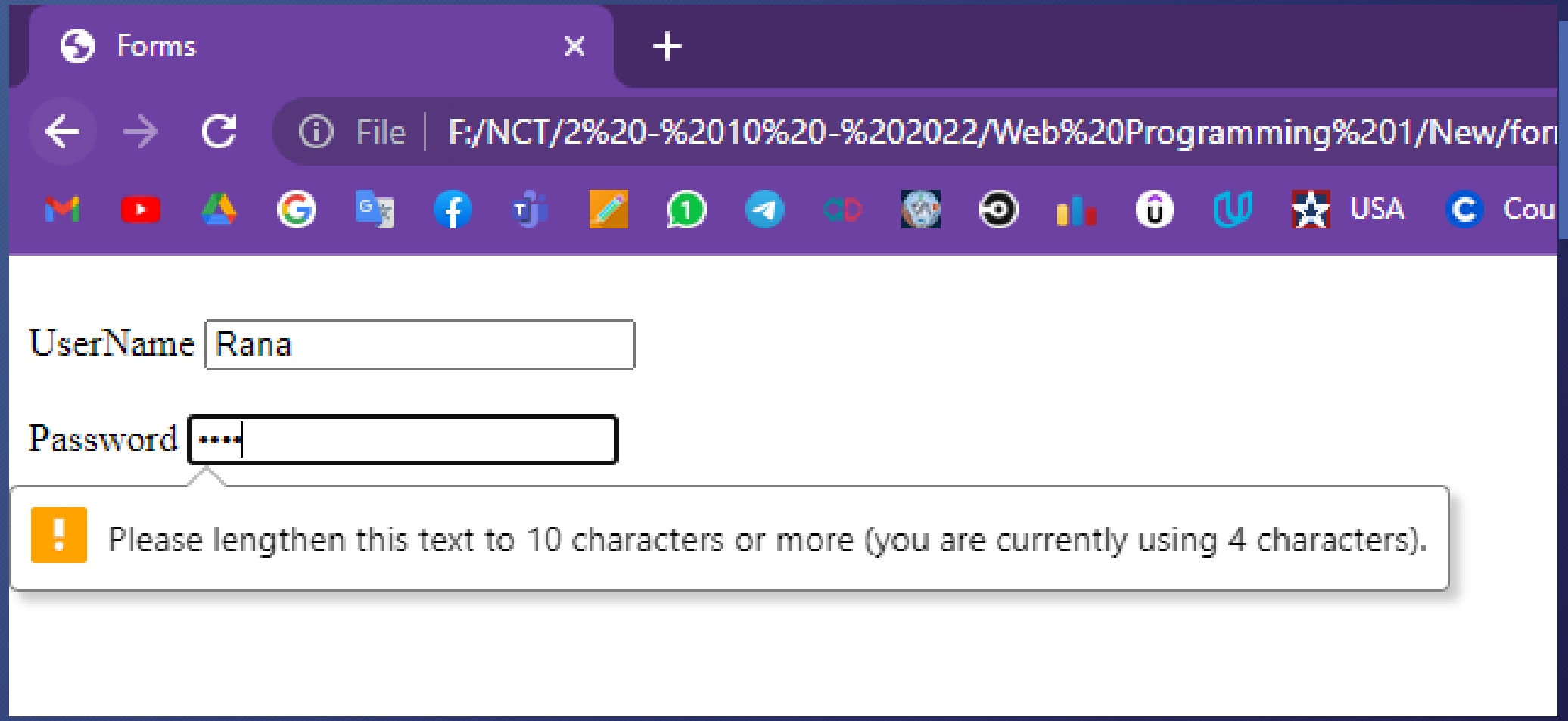
```
<!DOCTYPE html>
<html>
   <head>
      <title>Forms</title>
   </head>
   <body>
      <form>
         <input type="hidden" value="123456789">
         <br>
         <label>UserName</label>
         <input type="text" required placeholder="Username" name="user" value="Rana" readonly>
         <br>
         <br>
         <label>Password</label>
         <input type="password"required name="pass">
         <br>
         <br>
         <label>Email</label>
         <input type="email" placeholder="write email" value="rana@gmail.com" name="mail" disabled>
         <input type="reset" value="Reset">
         <input type="submit" value="Save">
      </form>
   </body>
</html>
```


Forms
File | F:/NCT/2%20-%2010%20-%202022/Web%20Programming%201/New/form.html?user=Rana&pass=124
USA
Coursera
Class Central
DataCamp
Topcoder
edX
Data Science
Batch AI
LeetCode
UserName Rana
Password
Email rana@gmail.com
Reset
Save

```
<!DOCTYPE html>
<html>
   <head>
      <title>Forms</title>
   </head>
   <body>
      <form>
         <input type="hidden" value="123456789">
         <br>
         <label>UserName</label>
         <input type="text" required placeholder="Username" name="user" value="Rana" readonly>
         <br>
         <br>
         <label>Password</label>
         <input type="password"required name="pass“ autofocus >
         <br>
         <br>
         <label>Email</label>
         <input type="email" placeholder="write email" value="rana@gmail.com" name="mail" disabled>
         <input type="reset" value="Reset">
         <input type="submit" value="Save">
      </form>
   </body>
</html>
```

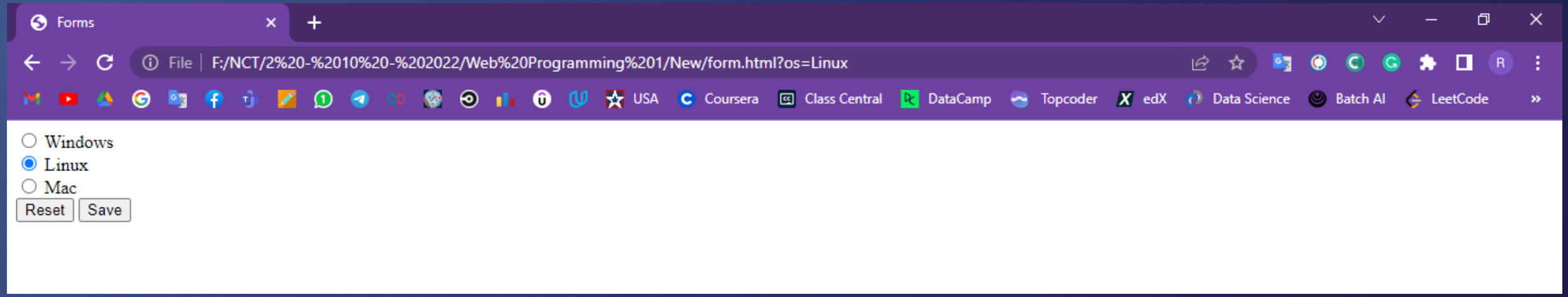

Forms
File
F:/NCT/2%20-%2010%20-%202022/Web%20Programming%201/
USA
UserName
Rana
Password
Email
rana@gmail.com
Reset
Save

```
<!DOCTYPE html>
<html>
   <head>
      <title>Forms</title>
   </head>
   <body>
      <form>
         <input type="hidden" value="123456789">
         <br>
         <label>UserName</label>
         <input type="text" required placeholder="Username" name="user" value="Rana" readonly>
         <br>
         <br>
         <label>Password</label>
         <input type="password“ required name="pass" autofocus minlength="10" maxlength="20">
         <br>
         <br>
         <label>Email</label>
         <input type="email" placeholder="write email" value="rana@gmail.com" name="mail" disabled>
         <input type="reset" value="Reset">
         <input type="submit" value="Save">
      </form>
   </body>
</html>
```

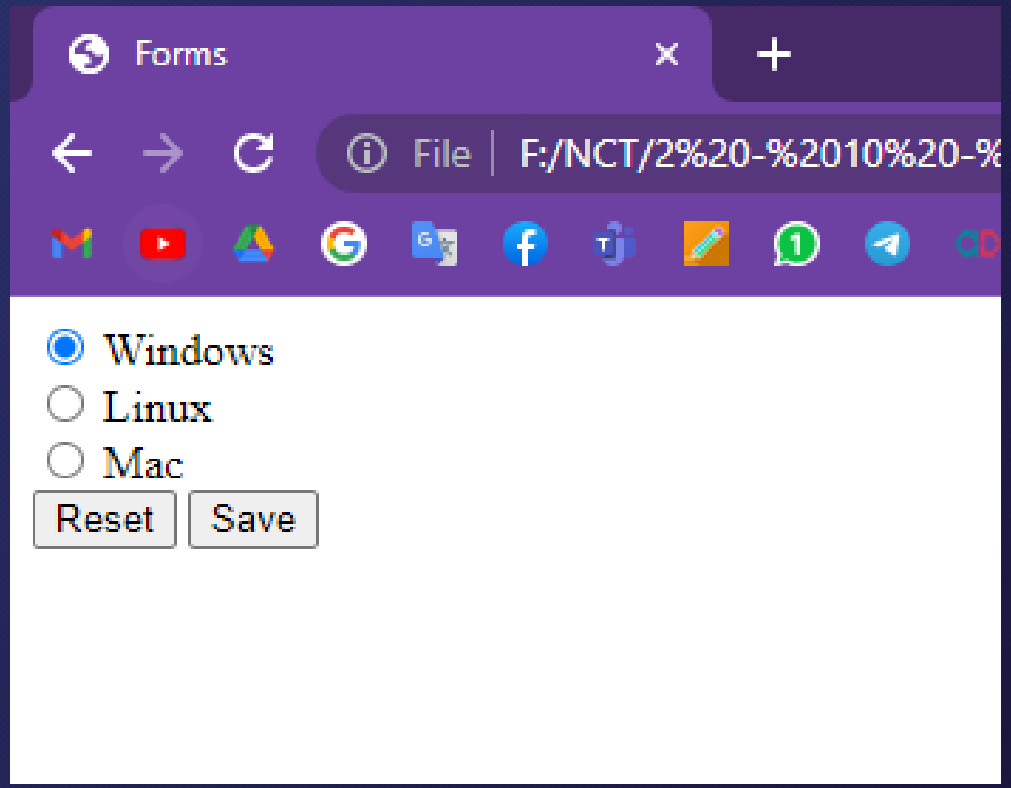

Forms
File
F:/NCT/2%20-%2010%20-%202022/Web%20Programming%201/New/for
USA
Cou
UserName
Rana
Password
Please lengthen this text to 10 characters or more (you are currently using 4 characters).

Type = “radio”

```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <input type="radio" name="os" value="Windows">
            <label>Windows</label>
            <br>
            <input type="radio" name="os" value="Linux">
            <label>Linux</label>
            <br>
            <input type="radio" name="os" value="Mac">
            <label>Mac</label>
            <br>
            <input type="reset" value="Reset">
            <input type="submit" value="Save">
        </form>
    </body>
</html>
```

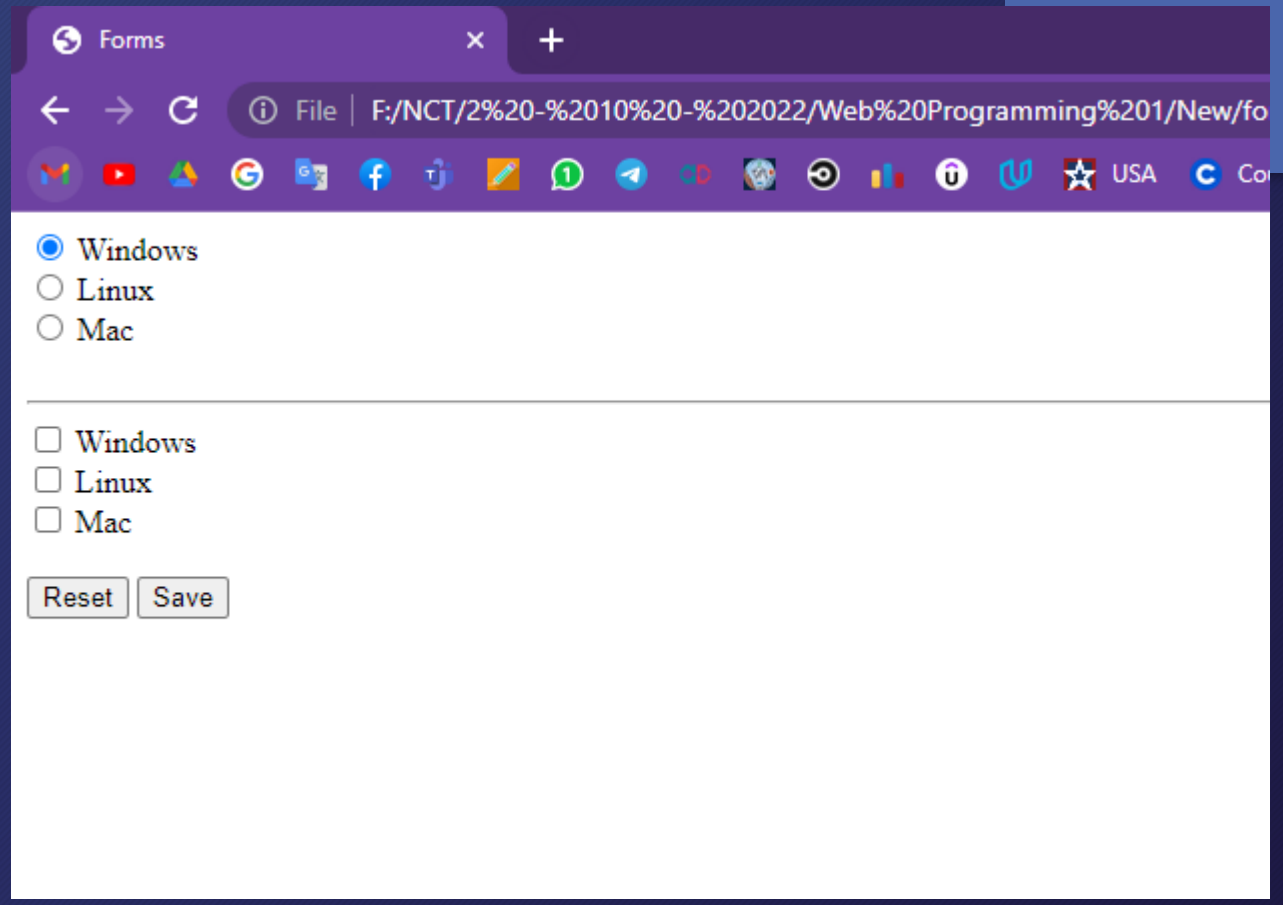

Forms
File | F:/NCT/2%20-%2010%20-%202022/Web%20Programming%201/New/form.html?os=Linux
USA
Coursera
Class Central
DataCamp
Topcoder
edX
Data Science
Batch AI
LeetCode
Windows
Linux
Mac
Reset
Save

```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <input type="radio" name="os" value="Windows" checked>
            <label>Windows</label>
            <br>
            <input type="radio" name="os" value="Linux">
            <label>Linux</label>
            <br>
            <input type="radio" name="os" value="Mac">
            <label>Mac</label>
            <br>
            <input type="reset" value="Reset">
            <input type="submit" value="Save">
        </form>
    </body>
</html>
```



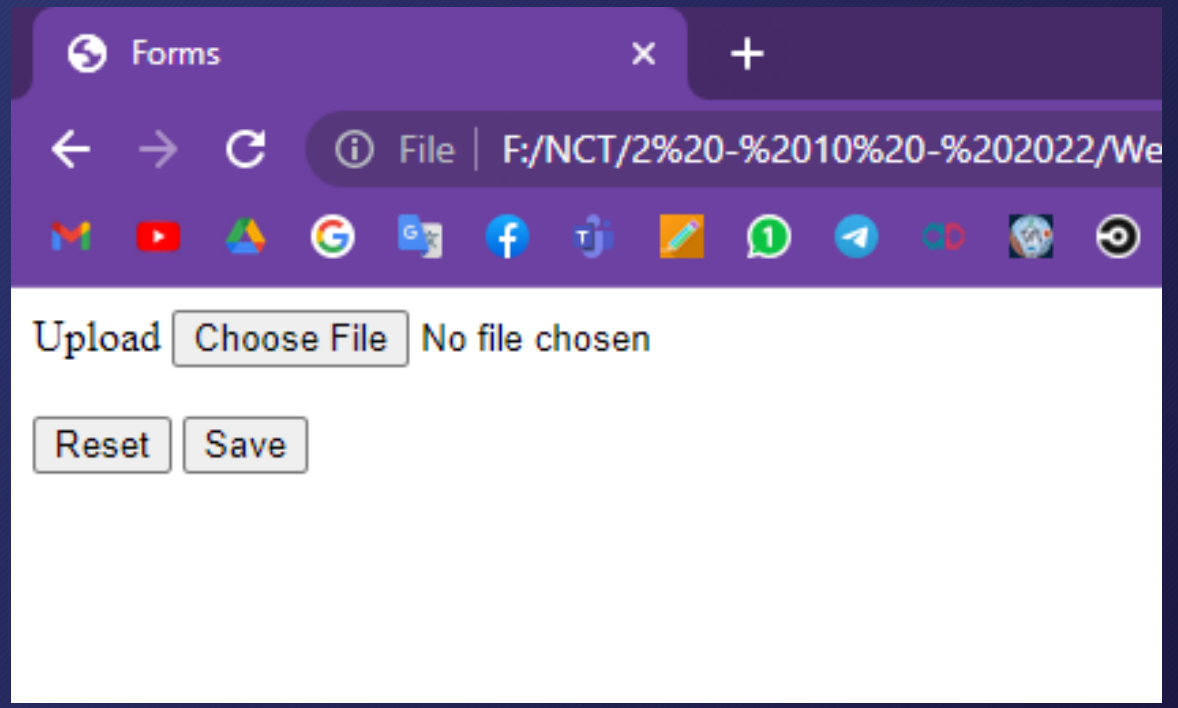
Type = “checkbox”

```
<!DOCTYPE html>
<html>
   <head>
      <title>Forms</title>
   </head>
   <body>
      <form>
         <input type="radio" name="os" value="Windows" checked>
         <label>Windows</label>
         <br>
         <input type="radio" name="os" value="Linux">
         <label>Linux</label>
         <br>
         <input type="radio" name="os" value="Mac">
         <label>Mac</label>
         <br>
         <br>
         <hr>
         <input type="checkbox" name="os" value="Windows">
         <label>Windows</label>
         <br>
         <input type="checkbox" name="os" value="Linux">
         <label>Linux</label>
         <br>
         <input type="checkbox" name="os" value="Mac">
         <label>Mac</label>
         <br>
         <br>
         <input type="reset" value="Reset">
         <input type="submit" value="Save">
      </form>
   </body>
</html>
```



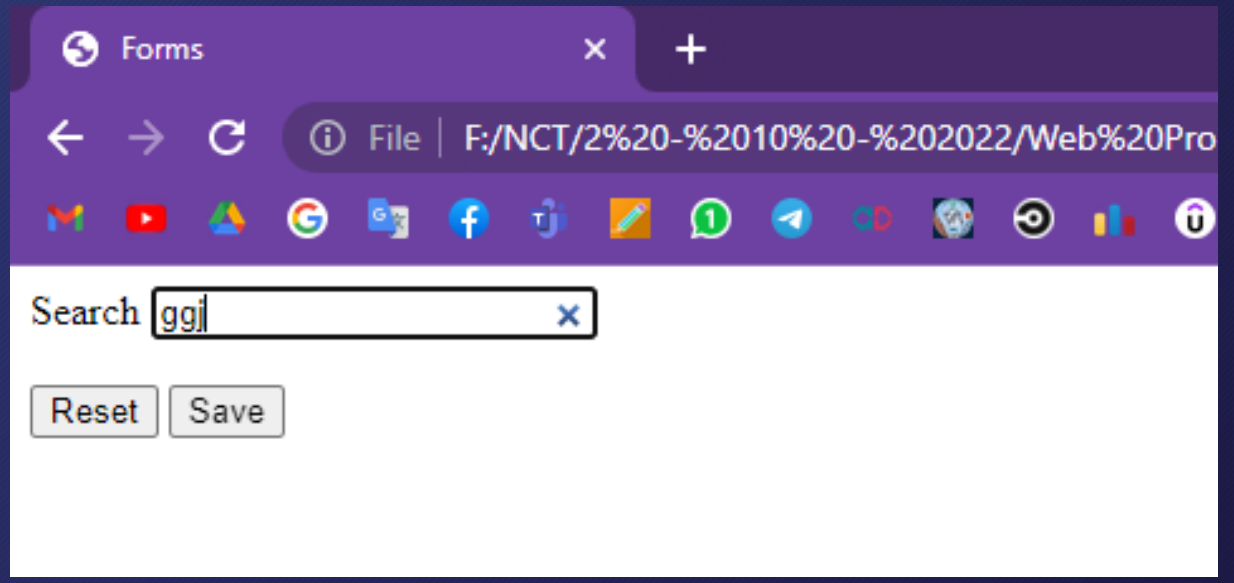
Type = “file”

```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label>Upload</label>
            <input type="file">
            <br>
            <br>
            <input type="reset" value="Reset">
            <input type="submit" value="Save">
        </form>
    </body>
</html>
```



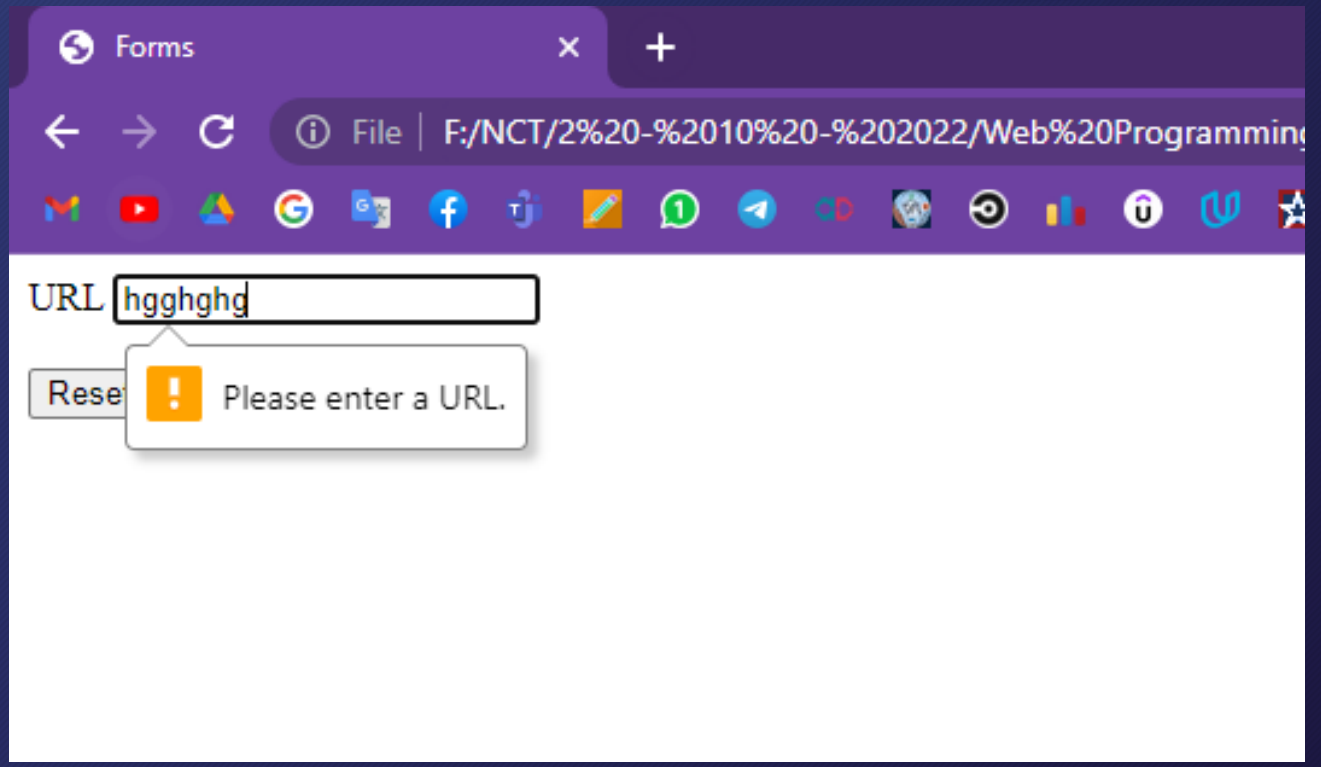
Type = “search”

```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label>Search</label>
            <input type="search">
            <br>
            <br>
            <input type="reset" value="Reset">
            <input type="submit" value="Save">
        </form>
    </body>
</html>
```



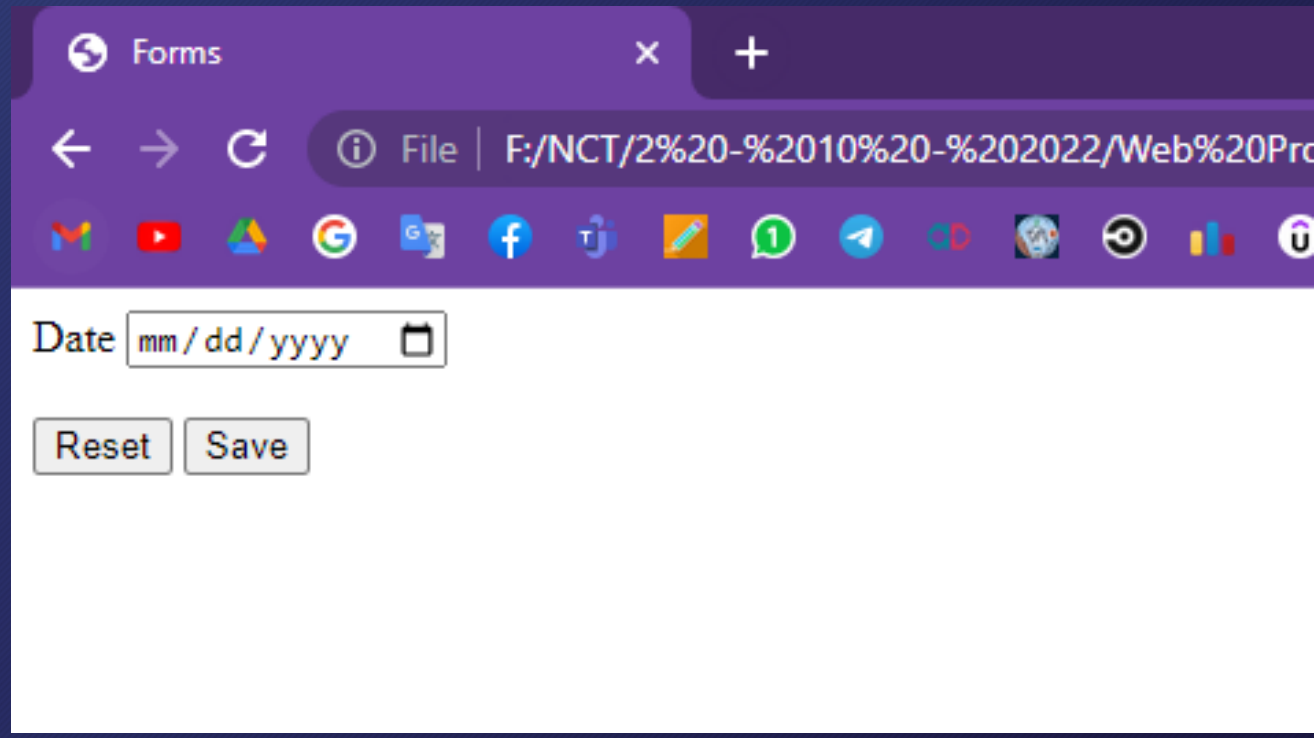
Type = “url”

```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label>URL</label>
            <input type="url">
            <br>
            <br>
            <input type="reset" value="Reset">
            <input type="submit" value="Save">
        </form>
    </body>
</html>
```



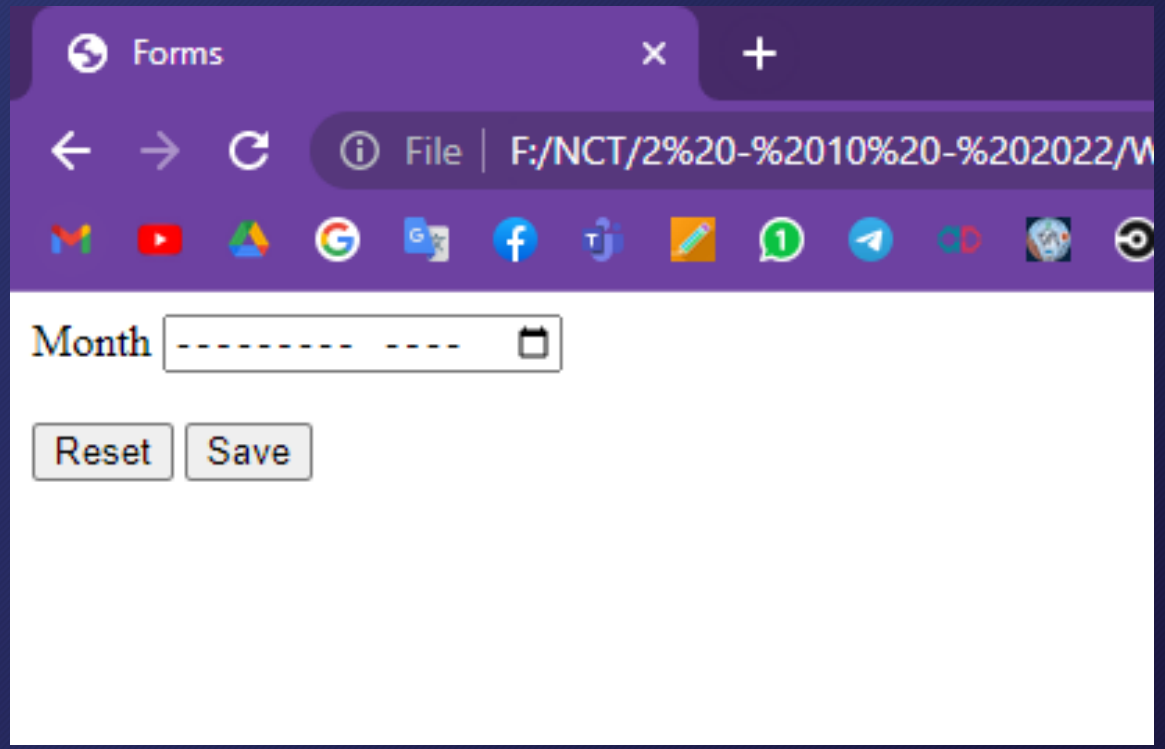
Type = “date”

```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label>Date</label>
            <input type="date">
            <br>
            <br>
            <input type="reset" value="Reset">
            <input type="submit" value="Save">
        </form>
    </body>
</html>
```



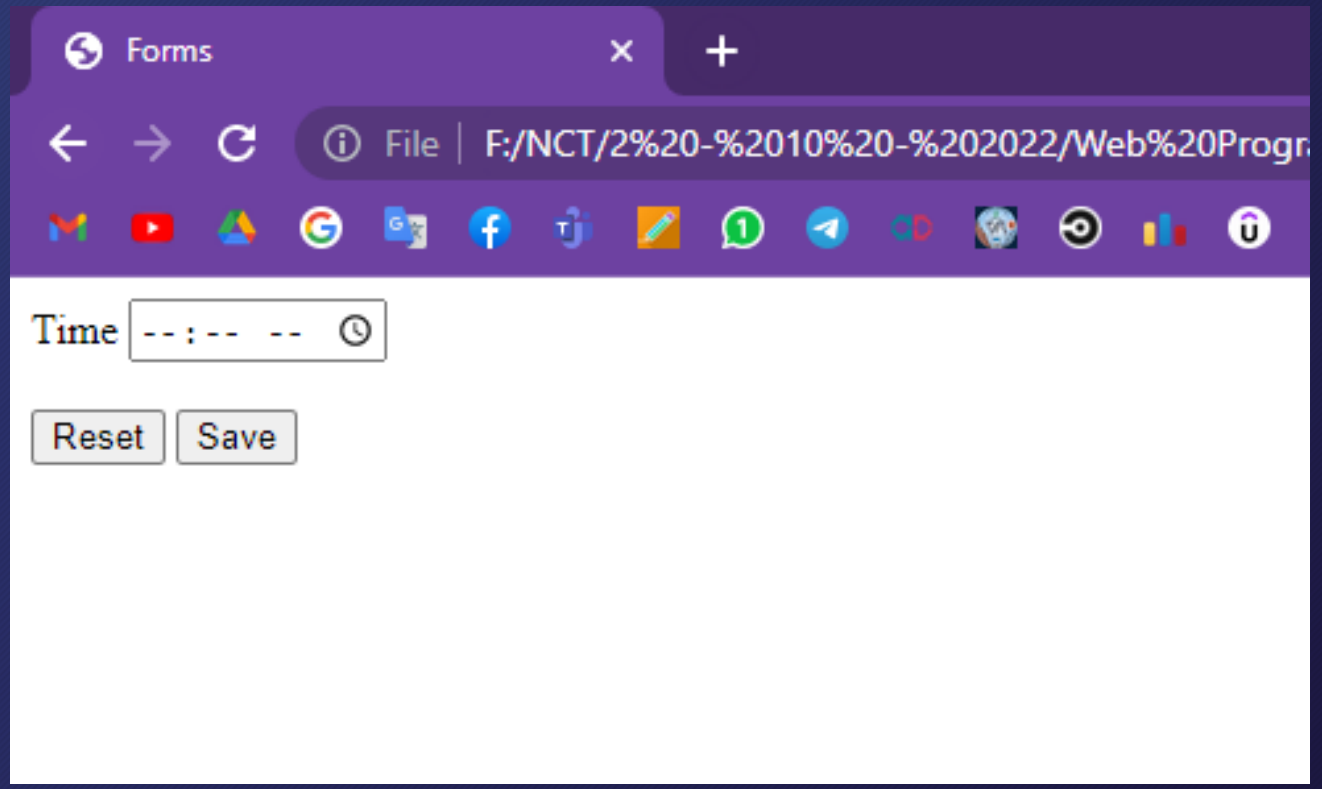
Type = “month”

```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label>Month</label>
            <input type="month">
            <br>
            <br>
            <input type="reset" value="Reset">
            <input type="submit" value="Save">
        </form>
    </body>
</html>
```



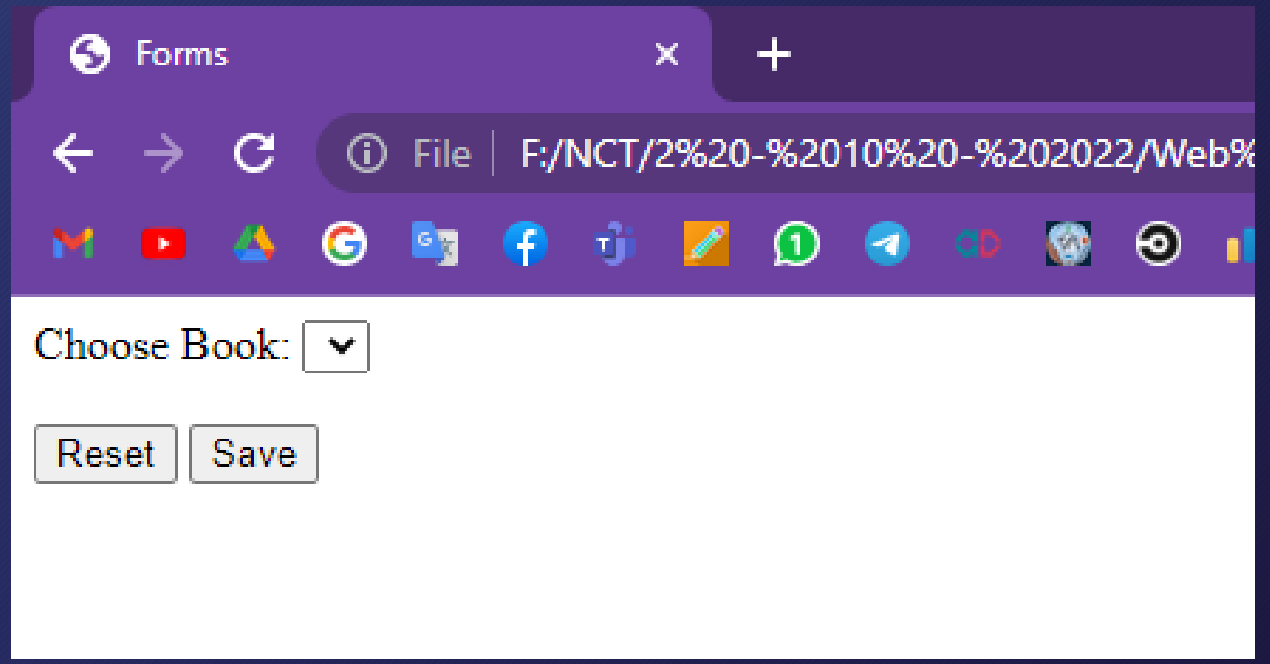
Type = “time”

```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label>Time</label>
            <input type="time">
            <br>
            <br>
            <input type="reset" value="Reset">
            <input type="submit" value="Save">
        </form>
    </body>
</html>
```

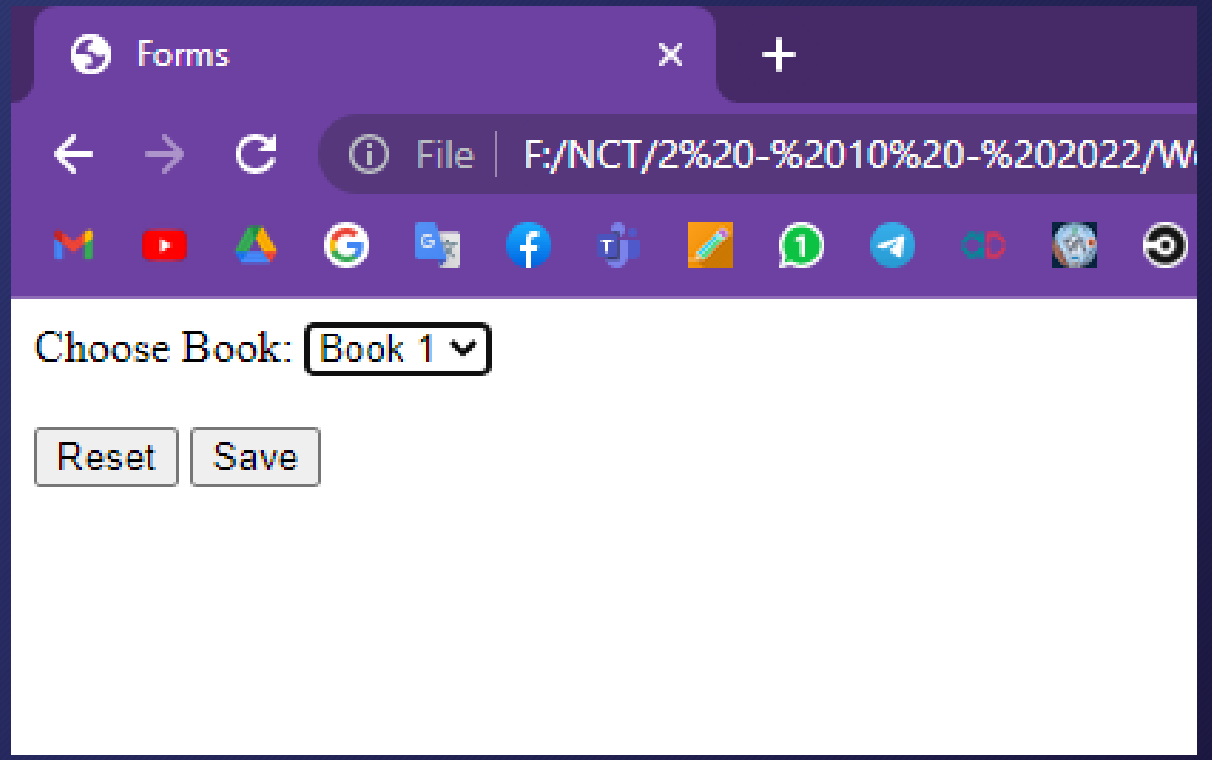


Select Tag & option Tag

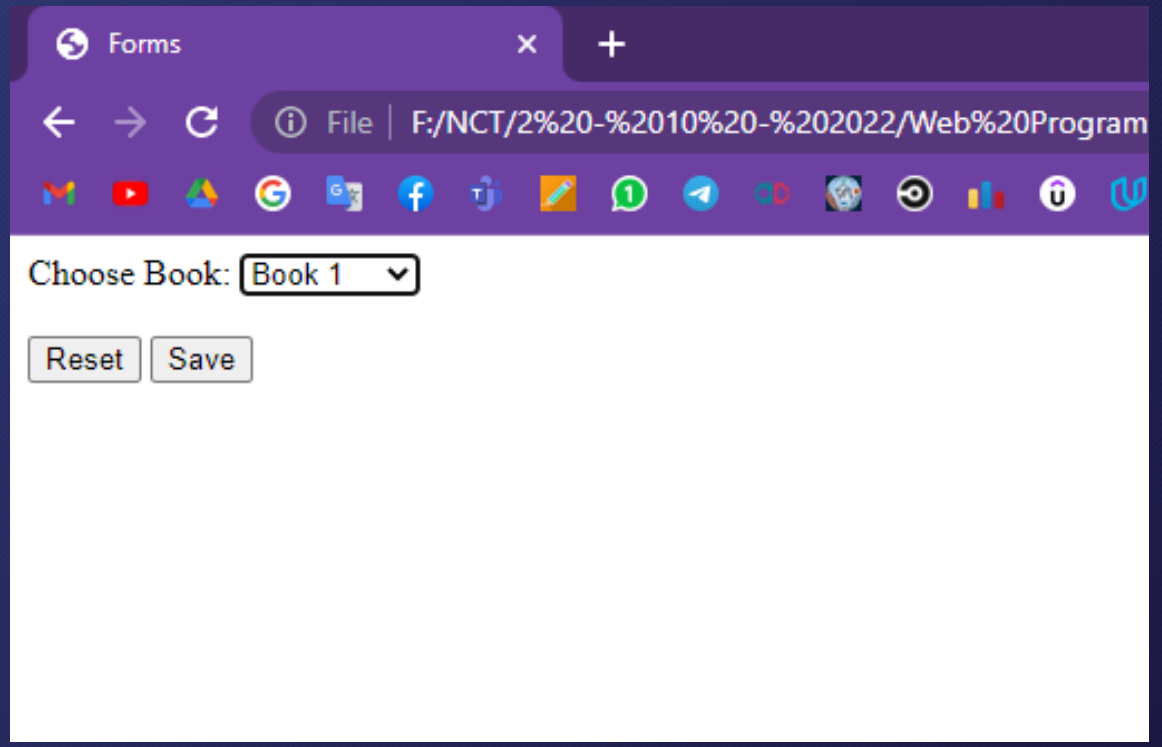
```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label> Choose Book: </label>
            <select name="Book">

            </select>
            <br>
            <br>
            <input type="reset" value="Reset">
            <input type="submit" value="Save">
        </form>
    </body>
</html>
```



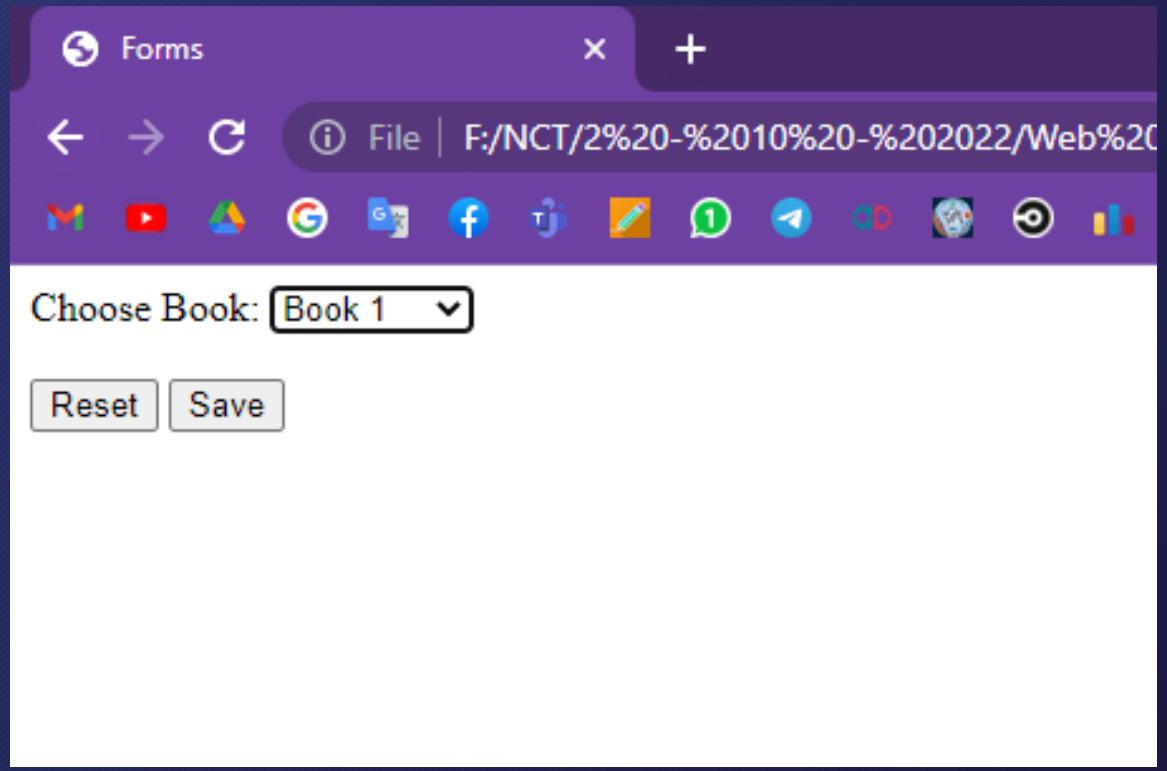
```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label> Choose Book: </label>
            <select name="Book">
                <option value="1">Book 1</option>
                <option value="2">Book 2</option>
                <option value="3">Book 3</option>
            </select>
            <br>
            <br>
            <input type="reset" value="Reset">
            <input type="submit" value="Save">
        </form>
    </body>
</html>
```



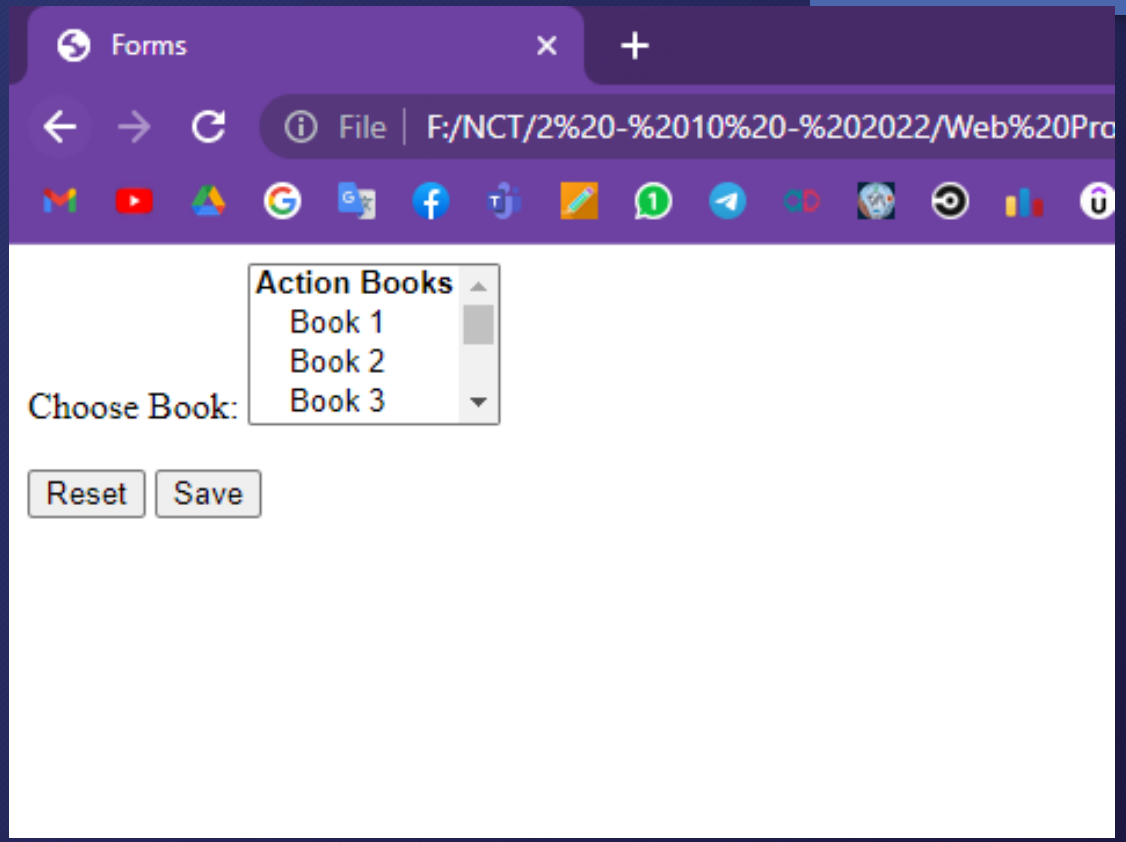
```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label> Choose Book: </label>
            <select name="Book">
                <optgroup>
                    <option value="1">Book 1</option>
                    <option value="2">Book 2</option>
                    <option value="3">Book 3</option>
                </optgroup>
                <optgroup>
                    <option value="4">Book 4</option>
                    <option value="5">Book 5</option>
                    <option value="6">Book 6</option>
                </optgroup>
            </select>
            <br>
            <br>
            <input type="reset" value="Reset">
            <input type="submit" value="Save">
        </form>
    </body>
</html>
```



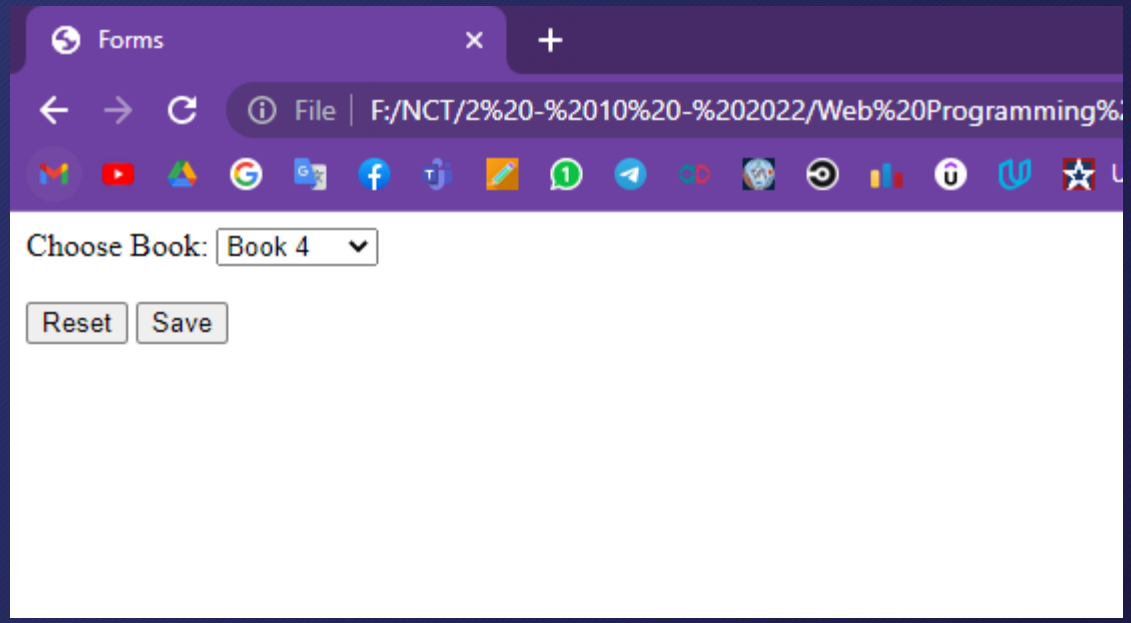
```
<!DOCTYPE html>
<html>
    <head>
        <title>Forms</title>
    </head>
    <body>
        <form>
            <label> Choose Book: </label>
            <select name="Book">
                <optgroup label="Action Books">
                    <option value="1">Book 1</option>
                    <option value="2">Book 2</option>
                    <option value="3">Book 3</option>
                </optgroup>
                <optgroup label="Police Books">
                    <option value="4">Book 4</option>
                    <option value="5">Book 5</option>
                    <option value="6">Book 6</option>
                </optgroup>
            </select>
            <br>
            <br>
            <input type="reset" value="Reset">
            <input type="submit" value="Save">
        </form>
    </body>
</html>
```



```
<!DOCTYPE html>
<html>
   <head>
      <title>Forms</title>
   </head>
   <body>
      <form>
         <label> Choose Book: </lable>
         <select name="Book“ multiple>
            <optgroup label="Action Books">
               <option value="1">Book 1</option>
               <option value="2">Book 2</option>
               <option value="3">Book 3</option>
            </optgroup>
            <optgroup label="Police Books">
               <option value="4">Book 4</option>
               <option value="5">Book 5</option>
               <option value="6">Book 6</option>
            </optgroup>
         </select>
         <br>
         <br>
         <input type="reset" value="Reset">
         <input type="submit" value="Save">
      </form>
   </body>
</html>
```

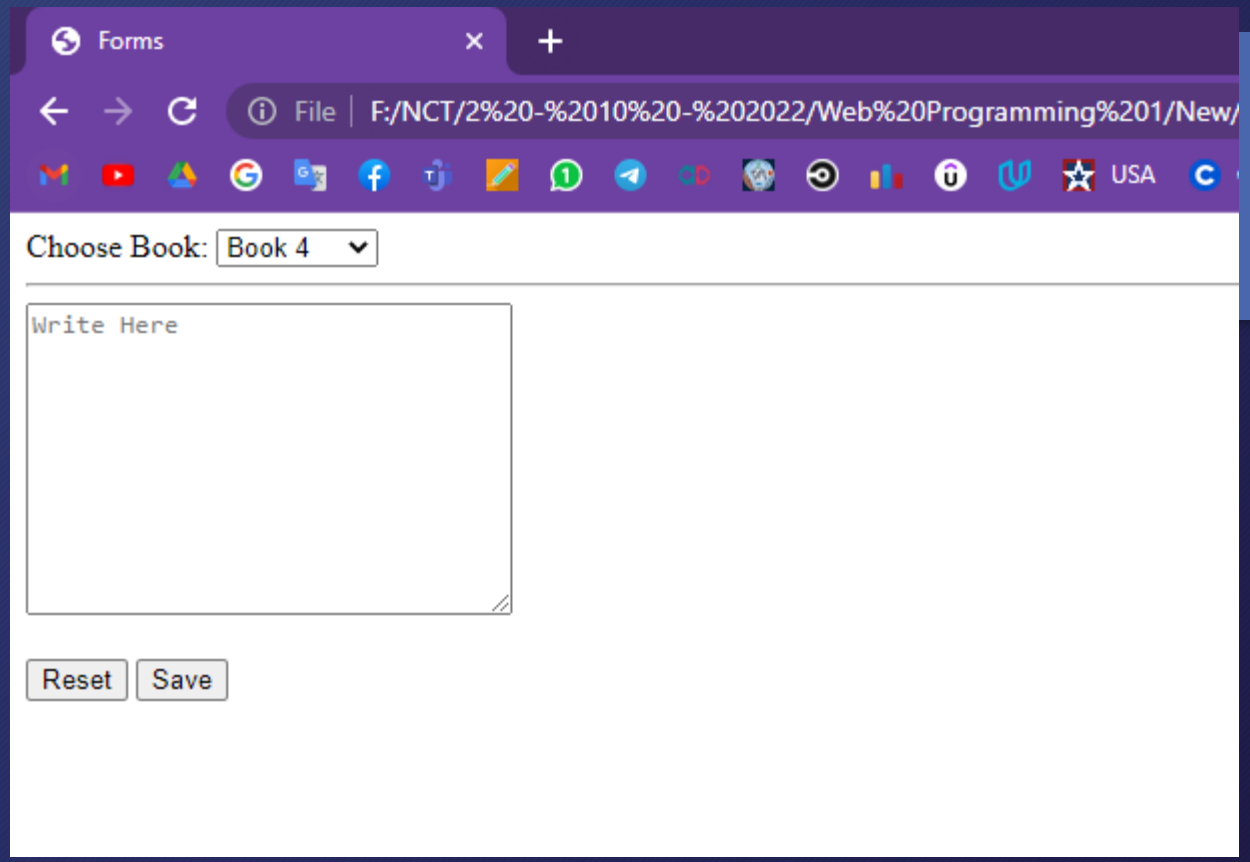


```
<!DOCTYPE html>
<html>
   <head>
      <title>Forms</title>
   </head>
   <body>
      <form>
         <label> Choose Book: </label>
         <select name="Book">
            <optgroup label="Action Books">
               <option value="1">Book 1</option>
               <option value="2">Book 2</option>
               <option value="3">Book 3</option>
            </optgroup>
            <optgroup label="Police Books">
               <option value="4" selected>Book 4</option>
               <option value="5">Book 5</option>
               <option value="6">Book 6</option>
            </optgroup>
         </select>
         <br>
         <br>
         <input type="reset" value="Reset">
         <input type="submit" value="Save">
      </form>
   </body>
</html>
```



Text areaTag

```
<!DOCTYPE html>
<html>
   <head>
      <title>Forms</title>
   </head>
   <body>
      <form>
         <label> Choose Book: </label>
         <select name="Book">
            <optgroup label="Action Books">
               <option value="1">Book 1</option>
               <option value="2">Book 2</option>
               <option value="3">Book 3</option>
            </optgroup>
            <optgroup label="Police Books">
               <option value="4" selected>Book 4</option>
               <option value="5">Book 5</option>
               <option value="6">Book 6</option>
            </optgroup>
         </select>
         <hr>
         <textarea name="Subject" cols="30" rows="10" placeholder="Write Here"></textarea>
         <br>
         <br>
         <input type="reset" value="Reset">
         <input type="submit" value="Save">       </form>
   </body>
</html>
```



Task

Search

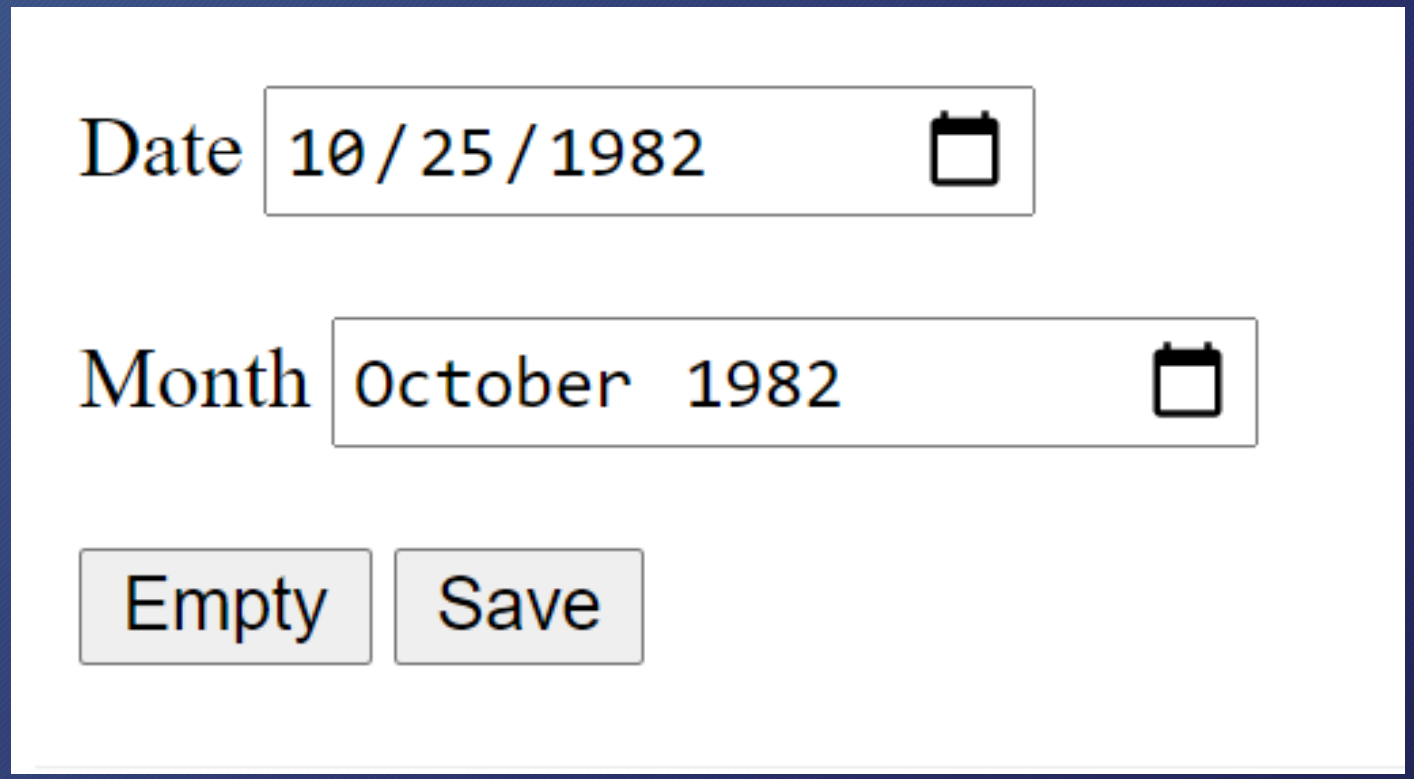
Enter A Search Word

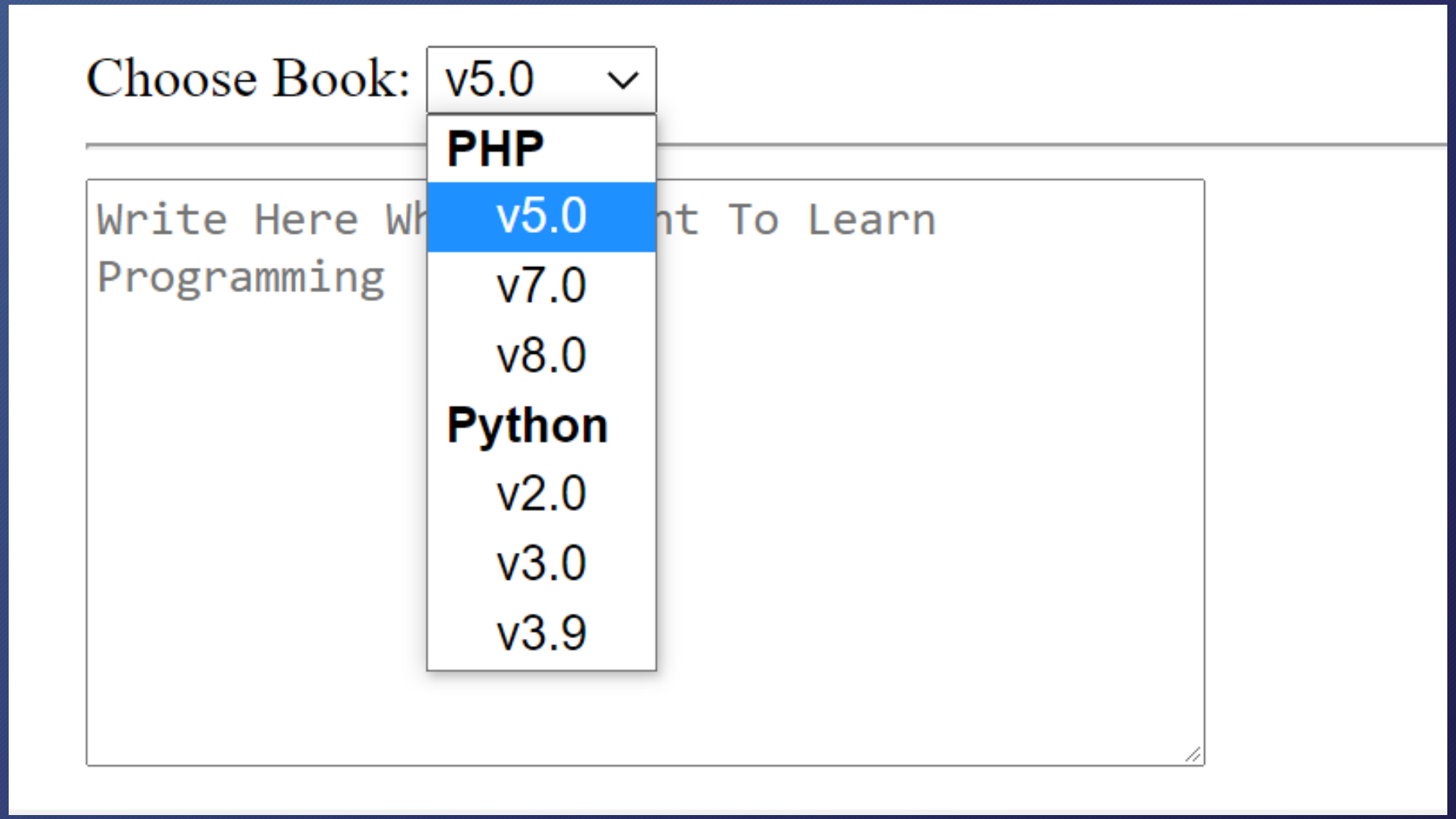
Upload

Choose File No file chosen

Url

Empty Save


Date
10/25/1982
Month
October 1982
Empty
Save


Choose Book:
v5.0
PHP
v5.0
v7.0
v8.0
Python
v2.0
v3.0
v3.9
Write Here Wh
nt To Learn
Programming