

## Practical No. – 6

**Objective :** -Write an HTML code to create a login form that navigates to another page after submitting.

**Code : -**

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<style>
body {font-family: Arial, Helvetica, sans-serif;}
form {border: 3px solid #f1f1f1;}

input[type=text], input[type=password] {
  width: 100%;
  padding: 12px 20px;
  margin: 8px 0;
  display: inline-block;
  border: 1px solid #ccc;
  box-sizing: border-box;
}

button {
  background-color: #04AA6D;
  color: white;
  padding: 14px 20px;
  margin: 8px 0;
  border: none;
  cursor: pointer;
  width: 100%;
}

button:hover {
  opacity: 0.8;
}

.cancelbtn {
  width: auto;
  padding: 10px 18px;
  background-color: #f44336;
}

.imgcontainer {
```

```
text-align: center;
margin: 24px 0 12px 0;
}
```

```
img.avatar {
width: 40%;
border-radius: 50%;
}
```

```
.container {
padding: 16px;
}
```

```
span.psw {
float: right;
padding-top: 16px;
}
```

```
/* Change styles for span and cancel button on extra small screens */
```

```
@media screen and (max-width: 300px) {
```

```
span.psw {
display: block;
float: none;
}
```

```
.cancelbtn {
width: 100%;
}
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h2>Login Form</h2>
```

```
<form action="/action_page.php" method="post">
```

```
<div class="imgcontainer">
```

```

```

```
</div>
```

```
<div class="container">
```

```
<label for="uname"><b>Username</b></label>
```

```
<input type="text" placeholder="Enter Username" name="uname" required>
```

```
<label for="psw"><b>Password</b></label>
```

```
<input type="password" placeholder="Enter Password" name="psw" required>
```

```
<button type="submit">Login</button>
```

```
<label>
```

```
<input type="checkbox" checked="checked" name="remember"> Remember me
```

```
</label>
```


```
</div>

<div class="container" style="background-color:#f1f1f1">
  <button type="button" class="cancelbtn">Cancel</button>
  <span class="psw">Forgot <a href="#">password?</a></span>
</div>
</form>

</body>
</html>
```

## Output:

### Login Form



**Username**

**Password**

☒ Remember me

[Forgot password?](#)

## Practical No. - 7

**Objective :** - Write an HTML code to display a form for student registration that shows all the basic information

**Code : -**

```
<html>
  <head>
    <title>
    </title>
  </head>
  <body>
    <form>
      <div class="container">
        <h1>Register Here</h1>
        <p>Please fill in the details to create an account with
us.</p>
        <hr>
        <label for="email"><b>Enter
Email</b></label><br><br>
        <input type="text" placeholder="Enter Email"
name="email"><br><br>
```

```
<label for="pwd"><b>Password</b></label><br><br>
<input type="password" placeholder="Enter Password"
name="pwd"><br><br>
<label for="confirm"><b>Confirm
Password</b></label><br><br>
<input type="password" placeholder="Confirm
Password" name="confirm"><br><br>
<hr>
<p>By creating an account you agree to our <a
href="#">Terms & Privacy</a>.</p>
<button type="submit"
class="registerbtn"><strong>Register</strong></button><br>
<br>
</div>
<div class="container signin">
<p>Already have an account? <a href="#">Sign
in</a>.</p>
</div>
</form>
</body>
</html>
```

## Output:-

# Register Here

Please fill in the details to create an account with us.

---

**Enter Email**

**Password**

**Confirm Password**

---

By creating an account you agree to our [Terms & Privacy](#).

**Register**

Already have an account? [Sign in](#).

## Practical No. - 8

Objective : -

Write an HTML code to illustrate the usage of Ordered, Unordered and Definition List.

Code :-

```
<html>
<head>
<title> Lists</title>
</head>
<body>
<center>
<h1>Different types of lists</h1>
</center>
<h3>Unordered list</h3>
<h5>Name of countinents</h5>
<ul>
<li>Asia</li>
<li>Europe</li>
```

<li>Africa</li>

<li>North America</li>

<li>South America</li>

<li>Australia</li>

<li>Antarctica</li>

</ul>

<h3>Ordered list</h3>

<h5>Continents ranked on the basis of area</h5>

<ol>

<li>Asia</li>

<li>Africa</li>

<li>Europe</li>

<li>North America</li>

<li>South America</li>

<li>Antarctica</li>

<li>Australia</li>

</ol>

<h3>Nested list</h3>

<h5>Name of few countries in continents</h5>

<ul>



<li>Asia</li>

<ol>

<li>India</li>

<li>Nepal</li>

<li>Bhutan</li>

<li>Japan</li>

</ol>

<li>Europe</li>

<ol>

<li>Hungary</li>

<li>Autria</li>

<li>Serbia</li>

<li>Switzerland</li>

</ol>

<li>Africa</li>

<ol>

<li>Libya</li>

<li>Tanzania</li>

<li>South Africa</li>

<li>Congo</li>

</ol>

</ul>

<h3>Definition list</h3>

<h5>Four pillars of object oriented programming</h5>

<dl>

<dt>Encapsulation</dt>

<dd> This principle states that all important information is contained inside

an object and only select information is exposed.</dd>

<dt>Abstraction</dt>

<dd> Objects only reveal internal mechanisms that are relevant for the use of

other objects, hiding any unnecessary implementation code.</dd>

<dt>Inheritance</dt>

<dd> Classes can reuse code from other classes.

Relationships and subclasses

between objects can be assigned, enabling developers to reuse common logic while

still maintaining a unique hierarchy.</dd>

<dt>Polymorphism</dt>

<dd> Objects are designed to share behaviors and they can take on more than one form.</dd>

</body>

</html>

## Output :-

### Different types of lists

#### Unordered list

Name of countinents

- Asia
- Europe
- Africa
- North America
- South America
- Australia
- Antarctica

#### Ordered list

Continents ranked on the basis of area

1. Asia
2. Africa
3. Europe
4. North America
5. South America
6. Antarctica
7. Australia

#### Nested list

---

## Practical No. - 9

Objective : -

Write an HTML code to create a frameset having top, main and bottom sections.

Code : -

```
<html>  
<frameset rows="30%,30%,30%">  
  <frame name="A" src="header.html">  
  
  <frame name="B" src="home.html">  
  <frame name="C" src="sidebar.html">  
</frameset>  
  
</frameset>  
</html>
```

# Output:-

**Web Designing**

---

**Welcome to the home page**

**ABOUT US**

**CONTACT US**

**COURSES**

---

**Sidebar**

**[Time Table](#)**

**[Registration Form](#)**

## Practical No. - 10

**Objective :** -Write an HTML code to illustrate the usage of inline, internal and external CSS.

**Code : -**

```
<html>
<head>
<link rel="stylesheet" href="mystyle.css">
</head>
<style>
h2 {
    background-color: linen;

}

h3 {
    color: maroon;
    margin-left: 40px;
}
</style>
```

<body>

<h1><font size="5"> This is a heading</h1>

<p>This is a paragraph.</p>

</font>

<h2>

    This is heading tag .

</h2>

<h3>

    <font size="5"> Internal css.

</font>

</h3><br>

<font size="6"><h4 style="color:blue;text-align:center;">This is a heading</h4>

<h5 style="color:red;">This is a paragraph.</h5>

</font>

</body>

</html>

my style.css :-

```
body {  
    background-color: lightblue;  
  
}
```

```
h1 {  
    color: navy;  
    margin-left: 20px;  
}
```

## Output:-

**This is a heading**

This is a paragraph.

**This is heading tag .**

**Internal css.**

**This is a heading**

**This is a paragraph.**



# Beyond Syllabus

## Practical No. - 1

**Objective :** - Write program in java script to show the usage of function.

**Code : -**

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<h1>JavaScript Functions</h1>
```

```
<p>Invoke (call) a function that converts from Fahrenheit to  
Celsius:</p>
```

```
<p id="demo"></p>
```

```
<script>
```

```
function toCelsius(f) {  
    return (5/9) * (f-32);  
}
```

```
let value = toCelsius(77);
```

```
document.getElementById("demo").innerHTML = value;
```

```
</script>
```

```
</body>
```

```
</html>
```

**Output:**

## **JavaScript Functions**

Invoke (call) a function that converts from Fahrenheit to Celsius:

25

## Beyond Syllabus

### Practical No. - 2

**Objective :** - Design html form for keeping customer record and validating it using javascript.

#### Code-

```
<html> <head>

<script>
function customer() {
var name
=document.forms.Custdetails.Name.v
alue; var email
=document.forms.Custdetails.EMail.v
alue;
var phone=
document.forms.Custdetails.Telephone.
value; var what =
document.forms.Custdetails.Subject.val
ue;
var password
=document.forms.Custdetails.Password.v
alue; var address =
document.forms.Custdetails.Address.val
ue;
var
custEmail=/^\w+([\.-]?\w+)*@\w+([\.-]?\w+)*(\.\w{2,3})+$/g;
var custPhone=/^\d{10}$/; var custName = /\d+$/g;
if (name == "" || custName.test(name)) {
```

```
window.alert("Please enter your name  
properly."); name.focus(); return false;  
}  
if (address == "") {  
window.alert("Please enter your  
address."); address.focus(); return false;  
}  
if (email == "" ||  
!regEmail.test(email)) {  
window.alert("Please enter a valid  
e-mail address."); email.focus();  
return false; }  
if (password == "") {  
alert("Please enter your password");  
password.focus(); return false;  
}  
if(password.length <6){
```

```

alert("Password should be atleast 6 character
long"); password.focus(); return false;
}
if (phone == "" || !regPhone.test(phone)) {
alert("Please enter valid phone
number."); phone.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;">CUSTOMER DETAILS  
FORM</h1>
```

```
<form name="Custdetails" onsubmit="return customer()" 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>Phn.no: <input type="text" size="65" name="Phn.no" /></p>
<br /> <br />
<p>
<input type="submit" value="send" name="Submit" />
<input type="reset" value="Reset" name="Reset" /> </p>
</form> </body>
</html>
```

## Output-

The screenshot shows a web browser window with a single tab titled 'customer.html'. The address bar displays the file path 'C:/Users/student/Desktop/customer.html'. The main content of the page is a form titled 'CUSTOMER DETAILS FORM'. The form consists of five text input fields, each preceded by a label: 'Name:', 'Address:', 'E-mail Address:', 'Password:', and 'Phn.no:'. Below these fields are two buttons: 'send' and 'Reset'. The browser's status bar at the bottom shows the Windows taskbar with various application icons, the system clock at 09:53, and the date 15-11-2022.