# Experiment No. 2 - Create simple web page using HTML5

<html>

<head>

<title>

</title>

</head>

<body>

Page body This is actual content of web page

</body >

</html>

# Experiment No. 3 - Installation and Setting of LAMP

• STEP 1: UPDATE

• Step 2: install Apache

• Step 3: Install MySQL

• Step 4: install PHP

STEP 1: UPDATE

sudo apt update

sudo apt upgrade

sudo apt install apache2 apache2-utils

Step 2: install Apache

sudo apt install -y apache2 apache2-utils

systemctl status apache2

sudo ufw app list

sudo ufw allow in "Apache Full"

Step 3: Install MySQL

sudo apt install mysql-server

mysql -u root -p

mysql>exit

Step 4: install PHP

sudo apt-get install software-properties-common

sudo apt-get update

sudo apt-get install -y php7.4

sudo apt-get install #name of the module

sudo nano /var/www/test.php

sudo service apache2 restart

# Experiment No.4 - Add Audio and Video HTML5

**<audio src="sound.mp3" controls></audio>**

**or**

<audio controls>

<source src="songname.mp3" type="audio/mp3">

<source src="songname.ogg" type="audio/ogg">

</audio>

**<video src="video.mp4" controls></video>or**

<video controls>

<source src="video.mp4" type="video/mp4">

<source src="video.ogg" type="video/ogg">

</video>

# Experiment No. 5 - Find the position with HTML5 Geolocation

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<title>Get Visitor's Location Using HTML5 Geolocation</title>

<script>

function showPosition() {

if(navigator.geolocation) {

navigator.geolocation.getCurrentPosition(function(position) {

var positionInfo = "Your current position is (" + "Latitude: " +

position.coords.latitude + ", " + "Longitude: " + position.coords.longitude

+ ")";

document.getElementById("result").innerHTML =

positionInfo;

});

} else {

alert("Sorry, your browser does not support HTML5

geolocation.");

}

}

</script>

</head>

<body>

<div id="result">

<!--Position information will be inserted here-->

</div>

<button type="button" onclick="showPosition();">Show

Position</button>

</body>

</html>

# Experiment No.6 -Web Page using CSS3 and HTML5

First style.html

<html>

<head>

<title> CSS example </title>

<link rel = “stylesheet” type =“text/css” href = “exp1.css” />

</head>

<body>

<h1> This is h1 heading in red color </h1>

<p> This is first paragraph with blue color </p>

</ body>

</html>

# Experiment No. 7 -Web Form using JavaScript and HTML 5

<html>

<body>

<script type=“text/javascript”>

document.write(“Hello java script World!”);

</script>

</body>

</html>

**Example 2**

<html>

<head><script type=“text/javascript”>

<!--

function validate\_form ( )

{

valid = true;

if ( document.contact\_form.name.value == ““ )

{

alert( “Please fill in the 'Your Name' box.” );

valid = false;

}

if ( document.contact\_form.age.value == ““ )

{

alert( “Please fill in the 'Your Age' box.” );

valid = false;

}

if ( document.contact\_form.age.value<18 )

{

alert( “You are not eligable for job” );

valid = false;

}

if ( document.contact\_form.email.value == ““ )

{

alert( “Please fill in the 'Your Email' box.” );

valid = false;

}

if (( document.contact\_form.gender[0].checked == false )

&& ( document.contact\_form.gender[1].checked == false ))

{

alert( “Please choose your Gender: Male or Female” );

valid = false;

}

return valid;

}

//-->

</script></head>

<body><b>Registration Form</b>

<form name=“contact\_form” method=“post”

action=“form\_val.html”

onsubmit=“return validate\_form ( );”>

<h1>Please Enter Your Name</h1>

<p>Your Name: <input type=“text” name=“name”></p>

<p>Your Age: <input type=“text” name=“age”></p>

<p>Your Email: <input type=“text” name=“email”></p>

<p>Your Gender:</p> <p>Male<input type=“radio” name=“gender”

value=“male”></p>

<p>Female<input type=“radio” name=“gender” value=“male”></p>

</p>

<p><input type=“submit” name=“send” value=“Send Details”></p>

</fom>

</body>

</html>