1)Implement Ajax based code using GET method to connect to the server and display the response from server in a <div>

**HTML**

<html>

<head>

<script type="text/javascript" language="javascript">

var Reqobj=false;

if(window.XMLHttpRequest)

{

Reqobj=new XMLHttpRequest();

}

else if(window.ActiveXobject)

{

Reqobj=new ActiveXObject("Microsoft.XMLHTTP");

}

function getdata(dataSource,DivId)

{

if(Reqobj)

{

Reqobj.open("GET",dataSource);

Reqobj.setRequestHeader('Content-Type','application/x-www-form-urlencoded');

Reqobj.onreadystatechange=function()

{

if(Reqobj.readyState==4 && Reqobj.status==200)

{

var d=document.getElementById(DivId);

d.innerHTML=Reqobj.responseText;

}

}

Reqobj.send(null);

}

else{

alert("Error:Request Object not created");

}

}

</script>

</head>

<body>

<h1>Working with AJAX</h1>

<form>

<input type="button" value="Fetch message" onclick="getdata('data.php?data=1','mydiv')">

<input type="button" value="Fetch message" onclick="getdata('data.php?data=2','mydiv')">

<div id="mydiv">

</div>

</form>

</body>

</html>

**PHP**

<?php

$s=$\_GET['data'];

if($s==1)

{

echo "Recived $s";

}

else

{

echo "Recived $s";

}

?>

2) Implement Ajax based code using POST method to connect to the server and display the response from server in a <div>

**HTML**

<html>

<head>

<script type="text/javascript" language="javascript">

var Reqobj=false;

if(window.XMLHttpRequest)

{

Reqobj=new XMLHttpRequest();

}

else if(window.ActiveXobject)

{

Reqobj=new ActiveXObject("Microsoft.XMLHTTP");

}

function getdata(dataSource,DivId,data)

{

if(Reqobj)

{

Reqobj.open("POST",dataSource);

Reqobj.setRequestHeader('Content-Type','application/x-www-form-urlencoded');

Reqobj.onreadystatechange=function()

{

if(Reqobj.readyState==4 && Reqobj.status==200)

{

var d=document.getElementById(DivId);

d.innerHTML=Reqobj.responseText;

}

}

Reqobj.send("data="+data);

}

else{

alert("Error:Request Object not created");

}

}

</script>

</head>

<body>

<h1>Working with AJAX</h1>

<form>

<input type="button" value="Fetch message" onclick="getdata('data.php','mydiv',1)">

<input type="button" value="Fetch message" onclick="getdata('data.php','mydiv',2)">

<div id="mydiv">

</div>

</form>

</body>

</html>

**PHP**

<?php

$s=$\_GET['data'];

if($s==1)

{

echo "Recived $s";

}

else

{

echo "Recived $s";

}

?>

3) Implement Ajax based code to send data to the server using GET method and return the response from server based on the data sent to the server

**HTML**

<html>

<head>

<script type="text/javascript" language="javascript">

var ob=false;

if(window.XMLHttpRequest)

{

ob=new XMLHttpRequest();

}

if(window.ActiveXObject)

{

ob=new ActiveXObject(Microsoft.XMLHTTP);

}

function getdata(datasource,divid,data)

{

if(ob)

{

ob.open('GET',datasource);

ob.onreadystatechange=function()

{

if(ob.readyState==4 && ob.status==200)

{

var d=document.getElementById(divid);

d.innerHTML=ob.responseText;

}

}

ob.send(null);

}

else{

window.alert("ERROR");

}

}

</script>

</head>

<body>

<h1>Working with ajax</h1>

<form>

<input type="button" value="fetch message1" onclick="getdata('3.php ? data=1','mydiv')">

<input type="button" value="fetch message 2" onclick="getdata('3.php ? data=2','mydiv')">

</form>

<div id="mydiv">

<p>Response will be displayed here</p>

</div>

</body>

</html>

**PHP**

<?php

if($\_GET['data']==1)

{

echo "received 1";

}

if($\_GET['data']==2)

{

echo "received 2";

}

?>

4) Implement Ajax based code to send data to the server using POST method and return the response from server based on the data sent to the server

**HTML**

<html>

<head>

<script type="text/javascript" language="javascript">

var ob=false;

if(window.XMLHttpRequest)

{

ob=new XMLHttpRequest();

}

if(window.ActiveXObject)

{

ob=new ActiveXObject(Microsoft.XMLHTTP);

}

function getdata(datasource,divid,data)

{

if(ob)

{

ob.open('POST',datasource);

ob.setRequestHeader('Content-Type','application/x-www-form-urlencoded');

ob.onreadystatechange=function()

{

if(ob.readyState==4 && ob.status==200)

{

var d=document.getElementById(divid);

d.innerHTML=ob.responseText;

}

}

ob.send('data='+data);

}

else{

window.alert("ERROR");

}

}

</script>

</head>

<body>

<h1>WORKING WITH AJAX</h1>

<form>

<input type="button" value="fetch message 1" onclick="getdata('4.php','mydiv',1)">

<input type="button" value="fetch message 2" onclick="getdata('4.php','mydiv',2)">

</form>

<div id="mydiv">

<p>Response will be displayed here</p>

</div>

</body>

</html>

**PHP**

 <?php

if($\_POST['data']==1)

{

echo "received 1";

}

if($\_POST['data']==2)

{

echo "received 2";

}

5) Implement Ajax based code to check whether the username is already exists in the database. Read user name using HTML form.

**PHP**

<?php

$servername="localhost";

$username="root";

$password="";

$dname="mydb";

$a=$\_POST['uname'];

$conn=mysqli\_connect($servername,$username,$password,$dname);

if($conn)

{

echo "connected successfully"."<br>";

}

else

{

die("connection failed".mysqli\_connect\_error());

echo "not connected";

}

$sql="SELECT \* FROM student WHERE name like '$a' ";

$res=mysqli\_query($conn,$sql);

if(mysqli\_num\_rows($res)>0)

{

echo "user already exists";

}

else

{

$insert="INSERT INTO student(name)VALUES('$a')";

if(mysqli\_query($conn,$insert))

{

echo("Successfully Inserted");

}

else

{

echo("Error:".mysqli\_connect\_error());

}

}

?>

**HTML**

<html>

<head>

<script type="text/javascript" language="javascript">

var Reqobj=false;

if(window.XMLHttpRequest)

{

Reqobj=new XMLHttpRequest();

}

else if(window.ActiveXobject)

{

Reqobj=new ActiveXObject("Microsoft.XMLHTTP");

}

function getdata(dataSource,DivId)

{

if(Reqobj)

{ var uname=document.getElementById('t1').value;

Reqobj.open("POST",dataSource);

Reqobj.setRequestHeader('Content-Type','application/x-www-form-urlencoded');

Reqobj.onreadystatechange=function()

{

if(Reqobj.readyState==4 && Reqobj.status==200)

{

var d=document.getElementById(DivId);

d.innerHTML=Reqobj.responseText;

}

}

Reqobj.send("uname="+uname);

}

else{

alert("Error:Request Object not created");

}

}

</script>

</head>

<body>

<h1>Working with AJAX</h1>

<form>

username:<input type="text" id='t1' name="a"><br>

<input type="button" value="check" onclick="getdata('data.php','mydiv')">

<div id="mydiv">

<p> Responce msg displayed here</p>

</div>

</form>

</body>

</html>