

Date - 24/04/2021

Roll Number - 19BCE517

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Course code - 2CSDE69

Subject Name - LAMP TECHNOLOGIES

LAMPT INNOVATIVE ASSIGNMENT

Group Member 1: 19BCE517 Param Nimbark

Project Title: Online Result Displaying System

Project Functionalities with Descriptoin:

Online Result Displaying System, as the name suggests this project will manage results of students online.

Students can register, login and see their result where as faculties can register, login, assign subjects to students, give them marks and have some other basic functionalities like deleting, managing accounts etc.

Subjects and marks can be manually assigned to each student by faculty and in the result part, each student's performance can be evaluated by looking at the displayed result of that student and marks will be showed along with the calculation of percentage, total and grade as well as how well a student performed in all his allotted subjects. It would have mainly two modules which are:

(i)Student module:

Student module will be having registration facility which will store student's details like roll no, name, semester and email ID into a database. Then student can login to their account with Email ID and password to see their result(marks, total, percentage etc.)

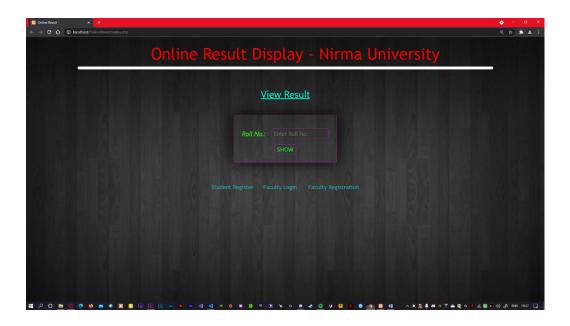
(ii) Faculty module:

Faculty module will have comparatively more functionalities than student's module, once faculty has registered and logged in, he/she will have all the access to student's record so that subjects could be assigned to students. Once subjects are assigned and everything is set for each of the student, faculties can enter marks for each student in certain subjects that has been allotted to that student, once marks are given, upon retrieving result, records will be fetched from database and some operations will be performed to calculate grades, percentage, marks, average etc. Also, faculties will have a feature to manage all student's profiles and subjects that are assigned to them.

Project Screenshots with Code:

1)Index.php

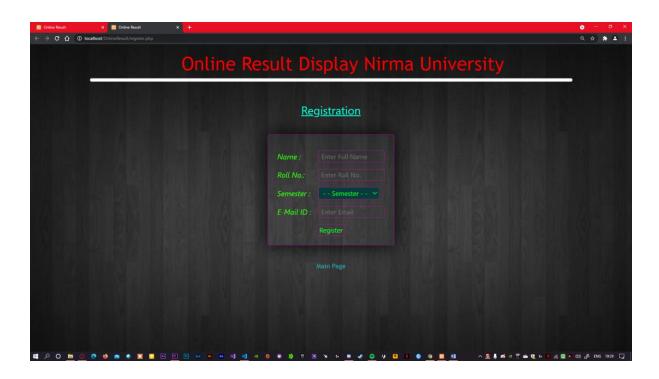
Output:



```
<?php
include("config.php");
<!DOCTYPE html PUBLIC>
<html xmlns="">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Online Result</title>
<link href="style.css" rel="stylesheet" type="text/css" />
</head>
<body><br />
<div align="center">
<span class="head">Online Result Display - Nirma University</span>
<hr class="hr" />
<span class="subhead">View Result</span>
<form method="post" action="viewResult.php">
<?php echo $msg;?>
Roll No.:<input type="text" required="required"</pre>
" name="roll" class="fields" size="15" placeholder="Enter Roll No." /></t
<input type="submit" value="SHOW" class="fi</pre>
elds" />
</form>
<a href="register.php" class="link">Student Register</a>&nbsp;&nbsp;&nbsp;&nbs
p;  <a href="faculty.php" class="link">Faculty Login</a>&nbsp;&nbsp;
   
<a href="registerFaculty.php" class="link">Faculty Registration</a>
</div>
</body>
</html>
```

2) Resgister.php

Output:



```
$msg="Successfully Registered";
   else
      $msg="Email Already Exists";
<!DOCTYPE html PUBLIC "-</pre>
//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1
-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Online Result</title>
<link href="style.css" rel="stylesheet" type="text/css" />
</head>
<body><br />
<div align="center">
<span class="head">Online Result Display Nirma University</span>
<hr class="hr" />
<span class="subhead">Registration</span>
<form method="post" action="">
<?php echo $msg;?>
Name :<input type="text" name="name" class="fi</pre>
elds" required="required" size="15" placeholder="Enter Full Name" />
Roll No.:<input type="text" name="roll" class=</td>
"fields" required="required" size="15" placeholder="Enter Roll No." /></t
r>
yle="background-color:#093d3d;" required>
<option value="" disabled="disabled" selected="selected">- - Semester - -
</option>
<option value="1">First Sem</option>
<option value="2">Second Sem</option>
<option value="3">Third Sem</option>
```

```
<option value="4">Fourth Sem</option>
<option value="5">Fifth Sem</option>
<option value="6">Sixth Sem</option>
<option value="7">Seventh Sem</option>
<option value="8">Eighth Sem</option>
</select>
E-
Mail ID : <input type="email" name="email" class="fields" size="15" p
laceholder="Enter Email" required="required" />
<input type="submit" value="Register" class</pre>
="fields" />
</form>
<a href="index.php" class="link">Main Page</a>
</div>
</body>
</html>
```

3)home.php

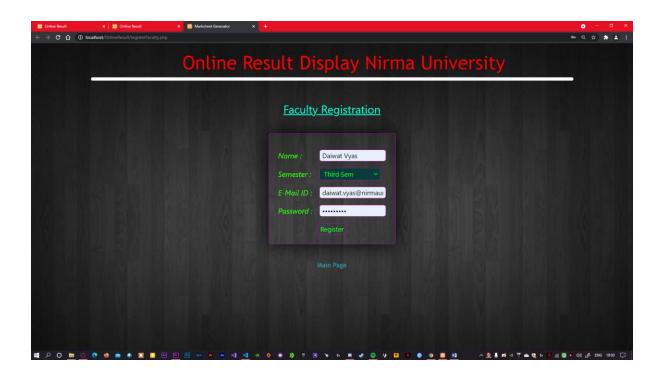
Output:



```
<?php
include("config.php");
session start();
if(!isset($_SESSION['email']))
    header("location:index.php");
$email=$_SESSION['email'];
$a=mysqli_query($al,"SELECT * FROM faculty WHERE email='$email'");
$b=mysqli_fetch_array($a);
$name=$b['name'];
<!DOCTYPE html PUBLIC "-
//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1
-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Online Result</title>
<link href="style.css" rel="stylesheet" type="text/css" />
</head>
<body><br />
<div align="center">
<span class="head">Online Result Display - Nirma University</span>
<hr class="hr" />
<span class="subhead">Welcome <?php echo $name;?></span>
<br />
<br />
<div class="design" style="width:300px;padding:20px 20px;">
<a href="submitMarks.php" class="cmd">Submit Marks</a>
<a href="viewUsers.php" class="cmd">View Users</a>
```

4) Resgister Faculty.php

Output:



```
<?php
include("config.php");
$name=$_POST['name'];
$sem=$_POST['sem'];
$email=$_POST['email'];
$pass=sha1($_POST['pass']);
if($name==NULL || $sem==NULL || $email==NULL || $_POST['pass']==NULL)
else
    $sql=mysqli_query($al,"INSERT INTO faculty(name,sem,email,password) VALUES
('$name','$sem','$email','$pass')");
   if($sql)
        $msg="Successfully Registered";
   else
        $msg="Email or Sem Already Exists";
<!DOCTYPE html PUBLIC "-
//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1
-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Marksheet Generator</title>
<link href="style.css" rel="stylesheet" type="text/css" />
</head>
<body><br />
<div align="center">
<span class="head">Online Result Display Nirma University</span>
<hr class="hr" />
```

```
<br />
<span class="subhead">Faculty Registration</span>
<br />
<br />
<form method="post" action="">
<?php echo $msg;?>
Name :<input type="text" name="name" class="fi</pre>
elds" required="required" size="15" placeholder="Enter Full Name" />
Semester :<tet name="sem" class="fields" st
yle="background-color:#093d3d;" required>
<option value="" disabled="disabled" selected="selected">- - Semester - -
</option>
<option value="1">First Sem</option>
<option value="2">Second Sem</option>
<option value="3">Third Sem</option>
<option value="4">Fourth Sem</option>
<option value="5">Fifth Sem</option>
<option value="6">Sixth Sem</option>
<option value="7">Seventh Sem</option>
<option value="8">Eighth Sem</option>
</select>
E-
Mail ID : <id><input type="email" name="email" class="fields" size="15" p</pre>
laceholder="Enter Email" required="required" />
Password : <input type="password" name="pass"</pre>
class="fields" size="15" placeholder="Enter Password" required="required" /></
td>
<input type="submit" value="Register" class</pre>
="fields" />
</form>
<a href="index.php" class="link">Main Page</a>
</div>
</body>
</html>
```

5) Config.php

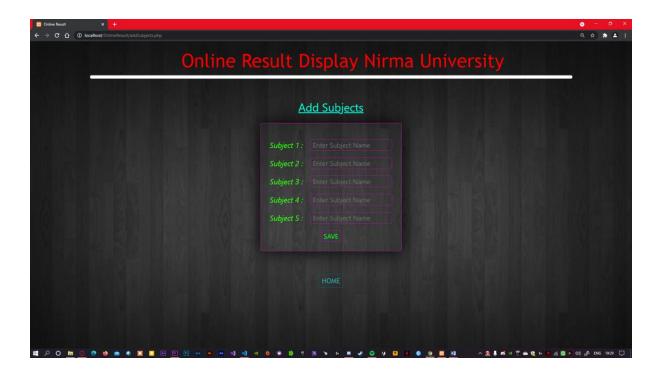
Output: NONE

Code:

```
<?php
error_reporting(0);
$al=mysqli_connect("localhost","root","","onlineresult");
?>
```

6) add Subjects.php

Output:



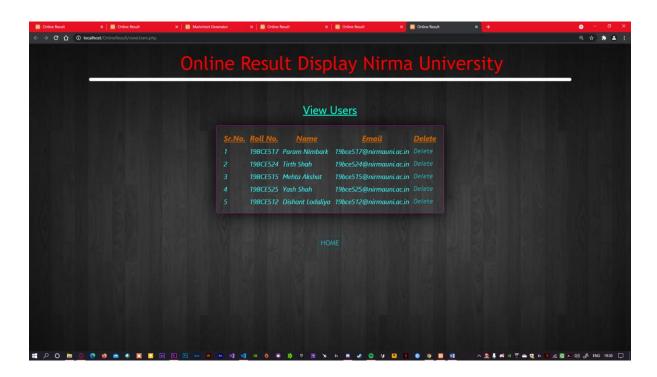
```
<?php
include("config.php");
session start();
if(!isset($_SESSION['email']))
    header("location:index.php");
$email=$_SESSION['email'];
$a=mysqli_query($al,"SELECT * FROM faculty WHERE email='$email'");
$b=mysqli_fetch_array($a);
$name=$b['name'];
$sem=$b['sem'];
$s1=$ POST['s1'];
$s2=$_POST['s2'];
$s3=$_POST['s3'];
$s4=$ POST['s4'];
$s5=$_POST['s5'];
if($s1==NULL || $s2==NULL || $s3==NULL || $s4==NULL || $s5==NULL)
else
   $sql=mysqli_query($al,"INSERT INTO subjects(s1,s2,s3,s4,s5,sem) VALUES('$s
1','$s2','$s3','$s4','$s5','$sem')");
    if($sql)
        $msg="Successfully Saved";
    else
        $msg="Already Saved for Your Sem";
<!DOCTYPE html PUBLIC "-</pre>
//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1
-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
```

```
<title>Online Result</title>
<link href="style.css" rel="stylesheet" type="text/css" />
</head>
<body><br />
<div align="center">
<span class="head">Online Result Display Nirma University</span>
<hr class="hr" />
<span class="subhead">Add Subjects</span>
<form method="post" action="">
<?php echo $msg;?>
Subject 1 : <input type="text" required="requi</pre>
red" size="20" class="fields" placeholder="Enter Subject Name" name="s1" /></t
d>
Subject 2 : <input type="text" required="requi</pre>
red" size="20" class="fields" placeholder="Enter Subject Name" name="s2" /></t
d>
Subject 3 : <input type="text" required="requi</pre>
red" size="20" class="fields" placeholder="Enter Subject Name" name="s3" /></t
d>
Subject 4 : <input type="text" required="requi</pre>
red" size="20" class="fields" placeholder="Enter Subject Name" name="s4" /></t
d>
Subject 5 : <input type="text" required="requi</pre>
red" size="20" class="fields" placeholder="Enter Subject Name" name="s5" /></t
d>
<input type="submit" class="fields" value="</pre>
SAVE" />
</form>
<br />
<br />
<a href="home.php" class="cmd">HOME</a>
</div>
```

```
</body>
</html>
```

7) view Users.php

Output:



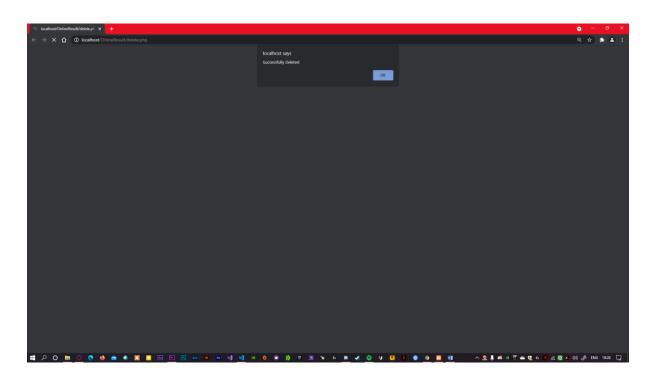
```
<?php
include("config.php");
session_start();
if(!isset($_SESSION['email']))
{
    header("location:index.php");
}
$email=$_SESSION['email'];
$a=mysqli_query($al,"SELECT * FROM faculty WHERE email='$email'");
$b=mysqli_fetch_array($a);
$sem=$b['sem'];</pre>
```

```
<!DOCTYPE html PUBLIC "-</pre>
//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1
-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Online Result</title>
<link href="style.css" rel="stylesheet" type="text/css" />
</head>
<body><br />
<div align="center">
<span class="head">Online Result Display Nirma University</span>
<hr class="hr" />
<span class="subhead">View Users</span>
decoration:underline;color:#C60;">Sr.No.Roll No.Name
>EmailDelete
<?php
$i=1;
$x=mysqli_query($al,"SELECT * FROM students WHERE sem='$sem'");
while($y=mysqli_fetch_array($x))
<?php echo $i;$i++;?>
<?php echo $y['roll'];?>
<?php echo $y['name'];?>
<?php echo $y['email'];?>
<a href="delete.php?del=<?php echo $y['id'];?>" onclick="return confirm('A
re You Sure..?');" class="link" style="font-size:14px;">Delete</a>
<?php } ?>
<br />
```

```
<a href="home.php" class="cmd">HOME</a>
</div>
</body>
</html>
```

8) delete.php

Output:

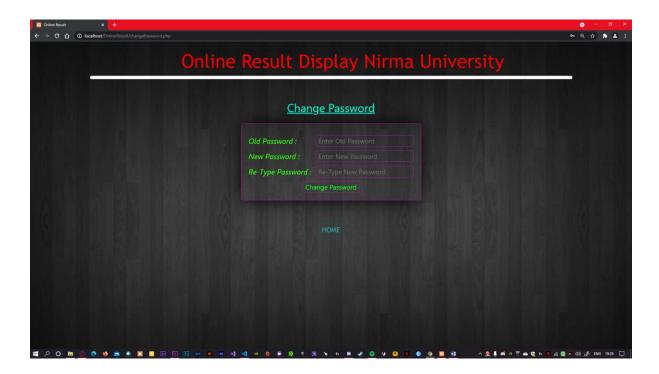


```
<?php
include("config.php");
$d=$_GET['del'];
$sql=mysqli_query($al,"DELETE FROM students WHERE id='$d'");
if($sql)
{
    ?>
        <script type="text/javascript" language="javascript">
        alert('Successfully Deleted');
```

```
window.location="viewUsers.php";
    </script>
<?php
}
</pre>
```

9) change Password.php

Output:



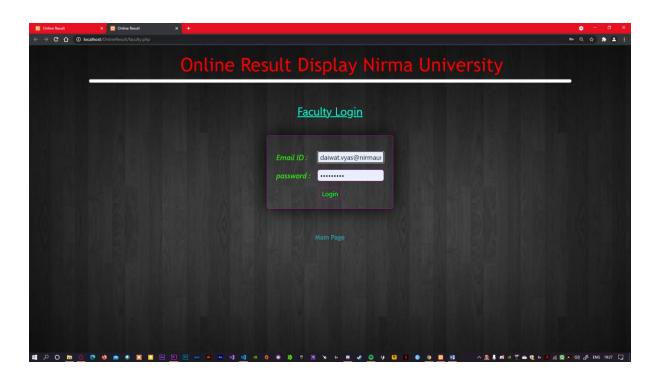
```
<?php
include("config.php");
session_start();
if(!isset($_SESSION['email']))
{
    header("location:index.php");
}</pre>
```

```
$email=$_SESSION['email'];
$a=mysqli_query($al,"SELECT * FROM faculty WHERE email='$email'");
$b=mysqli_fetch_array($a);
$pass=$b['password'];
$old=sha1($_POST['old']);
$p1=sha1($_POST['p1']);
$p2=sha1($_POST['p2']);
if($_POST['old']==NULL || $_POST['p1']==NULL || $_POST['p2']==NULL)
    //ASL Do Nothing
else
if($old!=$pass)
    $msg="Incorrect Old Password";
elseif($p1!=$p2)
        $msg="New Password Didn't Matched";
    else
        mysqli_query($al,"UPDATE faculty SET password='$p2' WHERE email='$emai
1'");
        $msg="Successfully Changed your Password";
<!DOCTYPE html PUBLIC "-</pre>
//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1
-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Online Result</title>
<link href="style.css" rel="stylesheet" type="text/css" />
</head>
<body><br />
```

```
<div align="center">
<span class="head">Online Result Display Nirma University</span>
<hr class="hr" />
<br />
<span class="subhead">Change Password</span>
<form method="post" action="">
<?php echo $msg;?>
Old Password :<input type="password" name="old")</pre>
" size="25" class="fields" placeholder="Enter Old Password" required="required
" />
New Password :<input type="password" name="p1"</pre>
size="25" class="fields" placeholder="Enter New Password" required="required"
 />
Re-
Type Password :<input type="password" name="p2" size="25" class="fie
lds" placeholder="Re-Type New Password" required="required" />
<input type="submit" value="Change Password</pre>
class="fields" />
</form>
<a href="home.php" class="cmd">HOME</a>
</div>
</body>
</html>
```

10) faculty.php

Output:



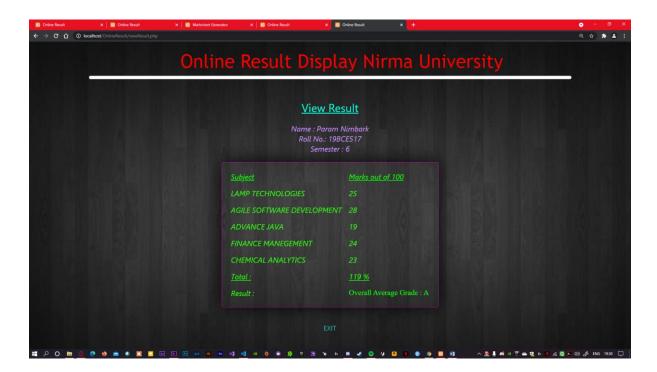
```
<!php
include("config.php");
session_start();
if(isset($_SESSION['email']))
{
    header("location:home.php");
}
$email=mysqli_real_escape_string($al,$_POST['email']);
$pass=mysqli_real_escape_string($al,sha1($_POST['pass']));
if($_POST['email']==NULL || $_POST['pass']==NULL)
{
}
else
{
</pre>
```

```
$sql=mysqli_query($al,"SELECT * FROM faculty WHERE email='$email' AND pass
word='$pass'");
   if(mysqli_num_rows($sql)==1)
      $_SESSION['email']=$email;
      header("location:home.php");
   else
      $msg="Incorrect Email ID or Password";
<!DOCTYPE html PUBLIC>
<html xmlns="">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Online Result</title>
<link href="style.css" rel="stylesheet" type="text/css" />
</head>
<body><br />
<div align="center">
<span class="head">Online Result Display Nirma University</span>
<hr class="hr" />
<br />
<span class="subhead">Faculty Login</span>
<br />
<form method="post" action="">
<?php echo $msg;?>
Email ID :<id><input type="text" required="require</pre>
d" name="email" class="fields" size="15" placeholder="Enter Email ID" /></
/tr>
password :<id><input type="password" required="req</pre>
uired" name="pass" class="fields" size="15" placeholder="Enter Password" /></t</pre>
<input type="submit" value="Login" class="f</pre>
ields" />
```

```
</form>
<br />
<br />
<br />
<a href="index.php" class="link">Main Page</a>
</div>
</body>
</html>
```

11) viewResult.php

Output:

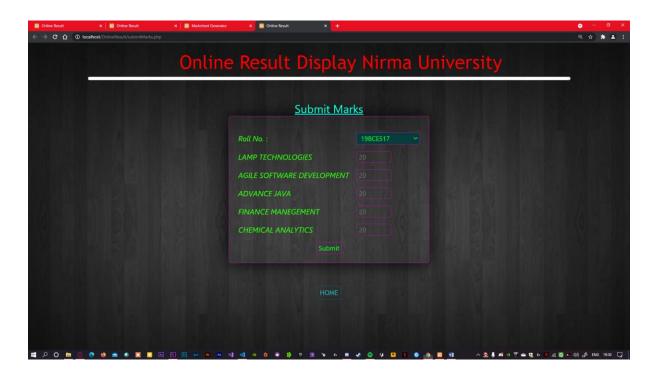


```
<?php
include("config.php");
$roll=$_POST['roll'];
$x=mysqli_query($al,"SELECT * FROM students WHERE roll='$roll'");
$y=mysqli_fetch_array($x);
$sem=$y['sem'];</pre>
```

```
$name=$y['name'];
$a=mysqli_query($al,"SELECT * FROM marks WHERE roll='$roll' AND sem='$sem'");
$b=mysqli_fetch_array($a);
<!DOCTYPE html PUBLIC "-
//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1
-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Online Result</title>
<link href="style.css" rel="stylesheet" type="text/css" />
</head>
<body><br />
<div align="center">
<span class="head">Online Result Display Nirma University</span>
<hr class="hr" />
<span class="subhead">View Result</span>
<span class="labels" style="color:#C9F;">Name : <?php echo $name;?><br>Roll No
.: <?php echo $roll;?><br>Semester : <?php echo $sem;?></span>
<br />
<?php $m=mysqli_query($al,"SELECT * FROM subjects WHERE sem='$sem'");</pre>
$n=mysqli fetch array($m);
decoration:underline;color:#0F0;">Subject<td class="labels" style="text-
<?php echo $n['s1'];?><?php ech
o $b['s1'];?>
<?php echo $n['s2'];?><?php ech
o $b['s2'];?>
<?php echo $n['s3'];?><?php ech
o $b['s3'];?>
<?php echo $n['s4'];?><?php ech</pre>
o $b['s4'];?>
```

12) submitMarks.php

Output:



```
<?php
include("config.php");
session_start();
if(!isset($_SESSION['email']))
    header("location:index.php");
$email=$_SESSION['email'];
$a=mysqli_query($al,"SELECT * FROM faculty WHERE email='$email'");
$b=mysqli_fetch_array($a);
$name=$b['name'];
$sem=$b['sem'];
if(!empty($_POST))
    $s1=$_POST['s1'];
   $s2=$_POST['s2'];
    $s3=$_POST['s3'];
   $s4=$_POST['s4'];
   $s5=$ POST['s5'];
    $roll=$_POST['roll'];
    if($s1==NULL || $s2==NULL || $s3==NULL || $s4==NULL || $s5==NULL || $roll=
=NULL)
    else
        $total=$s1+$s2+$s3+$s4+$s5;
        $per=($total/100)*100;
        if($per<=35)
            $result="Overall Average Grade : D";
        }elseif($per>=36 && $per<=50)
                $result="Overall Average Grade : C";
            elseif($per>=51 && $per<=70)
                    $result="Overall Average Grade : B";
                else
```

```
$result="Overall Average Grade : A";
               $sql=mysqli_query($al,"INSERT INTO marks(roll,sem,s1,s2,s3,s4,
s5,total,percent,result) VALUES('$roll','$sem','$s1','$s2','$s3','$s4','$s5',
$total','$per','$result')");
               if($sql)
                   $msg="Successfully Saved Marks";
               else
                   $msg="Marks Already Submitted to this Roll No.";
   }
<!DOCTYPE html PUBLIC "-
//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1
-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Online Result</title>
<link href="style.css" rel="stylesheet" type="text/css" />
</head>
<body><br />
<div align="center">
<span class="head">Online Result Display Nirma University</span>
<hr class="hr" />
<span class="subhead">Submit Marks</span>
<?php
$x=mysqli_query($al,"SELECT * FROM subjects WHERE sem='$sem'");
$y=mysqli_fetch_array($x);
$m=mysqli_query($al,"SELECT * FROM students WHERE sem='$sem'");
<form method="post" action="">
```

```
<?php echo $msg;?>
Roll No. : 
<select name="roll" class="fields" style="background-color:#093d3d;" required>
<option value="" selected="selected" disabled="disabled">- - Select Roll - -
</option>
<?php
while($n=mysqli_fetch_array($m))
<option value="<?php echo $n['roll'];?>"><?php echo $n['roll'];?></option>
<?php } ?>
</select>
<?php echo $y['s1'];?><input type="text" name=
s1" class="fields" size="5" placeholder="20" required="required" />
<?php echo $y['s2'];?><input type="text" name=</td>
s2" class="fields" size="5" placeholder="20" required="required" />
<?php echo $y['s3'];?><input type="text" name=</pre>
"s3" class="fields" size="5" placeholder="20" required="required" />
<?php echo $y['s4'];?><input type="text" name=
"s4" class="fields" size="5" placeholder="20" required="required" />
<?php echo $y['s5'];?><input type="text" name=
"s5" class="fields" size="5" placeholder="20" required="required" />
<input type="submit" class="fields" value="</pre>
Submit" />
</form>
<a href="home.php" class="cmd">HOME</a>
</div>
</body>
</html>
```

13) style.css

```
@charset "utf-8";
/* CSS Document */
body
    background-image:url(images/nirma.png);
    margin:0px;
.head
    font-family:"Trebuchet MS";
    font-size:40px;
    color:rgb(255, 0, 0);
Header Text- Nirma*/
    margin-left:50px;
.hr
    width:80%;
    height:5px;
    border-radius:100px;
    background-
color:#FFF;
.subhead
    font-family:"Segoe UI";
    color:rgb(0, 255, 221);
    font-size:24px;
    text-decoration:underline;
.labels
```

```
font-family:"Segoe UI";
    color:rgb(43, 255, 0);
"Roll No"*/
   font-size:16px;
    font-style:italic;
.fields
    font-family:"Segoe UI";
    font-size:14px;
    padding:2px 5px;
    color:rgb(0, 255, 34);
show*/
    background-color:transparent;
    border:1px solid #be0eb0;
textbox and show borders*/
   border-radius:5px;
.design
    background-color:transparent;
    border:1px solid #be0eb0;
box border*/
    border-radius:5px;
    padding:10px 10px;
    box-
shadow:0px 0px 40px #000000;
                                                                     /*Box Shad
ow*/
a.link:link{text-decoration:none;font-family:"Trebuchet MS";font-
size:14px;color:#28a3a6;}
a.link:active{text-decoration:none;font-family:"Trebuchet MS";font-
size:14px;color:#28a3a6;}
a.link:visited{text-decoration:none;font-family:"Trebuchet MS";font-
size:14px;color:#28a3a6;}
a.link:hover{text-decoration:none;font-family:"Trebuchet MS";font-
size:15px;color:#FFFFFF;}
.msg
    font-family:"Segoe UI";
    font-size:14px;
    color:#FF3;
```

```
a.cmd:link{text-decoration:none;font-family:"Trebuchet MS";font-
size:15px;color:#28a3a6;padding:5px 6px;background-
color:transparent;border:1px solid #066;}
a.cmd:active{text-decoration:none;font-family:"Trebuchet MS";font-
size:15px;color:#28a3a6;padding:5px 6px;background-
color:transparent;border:1px solid #066;}
a.cmd:visited{text-decoration:none;font-family:"Trebuchet MS";font-
size:15px;color:#28a3a6;padding:5px 6px;background-
color:transparent;border:1px solid #066;}
a.cmd:hover{text-decoration:none;font-family:"Trebuchet MS";font-
size:15px;color:#FFFFFF;padding:5px 6px;background-
color:transparent;border:1px solid #066;box-shadow:0px 0px 10px #066;}
```

14) OnlineResult.sql

```
-- phpMyAdmin SQL Dump
-- version 4.1.14
-- http://www.phpmyadmin.net
--
-- Host: 127.0.0.1
-- Server version: 5.6.17
-- PHP Version: 5.5.12

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET time_zone = "+00:00";

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8 */;
--
-- Database: `onlineresult`
```

```
CREATE TABLE IF NOT EXISTS `faculty` (
 `id` int(255) NOT NULL AUTO_INCREMENT,
 `name` varchar(255) NOT NULL,
 `sem` varchar(255) NOT NULL,
 `email` varchar(255) NOT NULL,
 `password` varchar(255) NOT NULL,
 PRIMARY KEY ('id'),
 UNIQUE KEY `email` (`email`),
 UNIQUE KEY `sem` (`sem`)
-- Table structure for table `marks`
CREATE TABLE IF NOT EXISTS `marks` (
 `id` int(255) NOT NULL AUTO INCREMENT,
 `roll` varchar(255) NOT NULL,
 `sem` varchar(255) NOT NULL,
 `s1` varchar(255) NOT NULL,
 `s2` varchar(255) NOT NULL,
 `s3` varchar(255) NOT NULL,
 `s4` varchar(255) NOT NULL,
 `s5` varchar(255) NOT NULL,
 `total` varchar(255) NOT NULL,
 `percent` varchar(255) NOT NULL,
 `result` varchar(255) NOT NULL,
 PRIMARY KEY (`id`),
 UNIQUE KEY `roll` (`roll`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO INCREMENT=7 ;
-- Table structure for table `students`
CREATE TABLE IF NOT EXISTS `students` (
```

```
id` int(255) NOT NULL AUTO_INCREMENT,
 `name` varchar(255) NOT NULL,
 `roll` varchar(255) NOT NULL,
 `sem` varchar(255) NOT NULL,
 `email` varchar(255) NOT NULL,
 PRIMARY KEY (`id`),
 UNIQUE KEY `roll` (`roll`, `email`)
- Table structure for table `subjects`
CREATE TABLE IF NOT EXISTS `subjects` (
 `id` int(255) NOT NULL AUTO_INCREMENT,
 `s1` varchar(255) NOT NULL,
 `s2` varchar(255) NOT NULL,
 `s3` varchar(255) NOT NULL,
 `s4` varchar(255) NOT NULL,
 `s5` varchar(255) NOT NULL,
 `sem` varchar(255) NOT NULL,
 PRIMARY KEY (`id`),
 UNIQUE KEY `sem` (`sem`)
/*!40101 SET CHARACTER SET CLIENT=@OLD CHARACTER SET CLIENT */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

Conclusion:

Learned how to create real-time web application using all PHP object oriented objects as well as learned fascinating HTML, CSS and MYSQL concepts which are extremely useful in today's world.