PROJECT REPORT

PROJECT NAME: Exam Results of Degree 1st Year

A simple project to check the results of Degree Ist year by entering the roll number.

* Main website was created through html. Filename: index.html
* All the data are stored in Oracle Database 19c

Username:result, Password:result

Server Information: localhost:1521/orclpdb

* A PHP file was created to access the information from the database.

Filename:result.php

* Apache 2.4.52 webserver
* Softwares:  Oracle 19c, sql plus, PHP 8.1.2, Html, Apache 2.4.52

File code: **index.html**

<html>

<head>

<title> Degree 1 st year results </title>

</head>

<body>

<h1 align="center"> Degree 1st Year Results </h1>

<br>

</br>

<form action="result.php" method="post" align="center">

Enter Roll No: <input type="text" name="roll"><br><br>

<input type="submit" value="submit" name="submit">

</form>

</body>

</html>

File code: **sql1.sql**

--sqlplus editor(code to create a user and tables)

connect sys/oracle as sysdba;

alter session set container=orclpdb;

create user result identified by result;

grant all privileges to result;

connect result/result@//localhost:1521/orclpdb

create table student (sid number(5) primary key, sname varchar(25));

create table subject(sid number(5) references student(sid), subname varchar(25), marks number(5) );

insert all

into student values (1, 'Sarath');

into student values (2, 'Lindsey');

into student values (3, 'Stephen');

into student values (4, 'Jonathon');

into student values (5, 'Clara');

into subject values(1, 'Maths', null);

into subject values(1, 'Electronics', 95 );

into subject values(1, 'Computer Science', 80 );

into subject values(2, 'Maths', 20 );

into subject values(2, 'Electronics', 50 );

into subject values(2, 'Computer Science', 70 );

into subject values(3, 'Maths', 50 );

into subject values(3, 'Electronics', 30 );

into subject values(3, 'Computer Science', 90 );

into subject values(4, 'Maths', 80 );

into subject values(4, 'Electronics', 50 );

into subject values(4, 'Computer Science', 90 );

into subject values(5, 'Maths', 60 );

into subject values(5, 'Electronics', 70 );

into subject values(5, 'Computer Science', 90 );

select \*from dual;

File code**: result.php**

<?php

IF (isset($\_POST['submit']) and !empty($\_POST['roll']) and $\_POST['roll'] >=1 and $\_POST['roll'] <=5 ){

function do\_fetch($myeid, $s)

{

// Fetch the results in an associative array

print '<h1><p align="center"> Degree First Year Results'.'</p>';

print '<h3><p align="center"> Student Roll Number'.' '.$myeid.'</p>';

$NAME;

$MAX=100;

$PASS='PASS';

$FAIL='FAIL';

$RE=$PASS;

$total=0;

print '<table border="1" cellpadding="10" align="center" >

<tr>

<th>SUBJECT</th>

<th>MAX MARKS</th>

<th>MARKS OBTAINED</th>

<th>PASS/FAIL</th>

</tr>';

while ($row =oci\_fetch\_array($s, OCI\_RETURN\_NULLS+OCI\_ASSOC)) {

$NAME=$row['SNAME'];

echo "<tr>";

echo "<td align='center' style='font-weight: bold'>" . $row['SUBNAME'] . "</td>";

echo "<td align='center' >".$MAX. "</td>";

echo "<h3><td align='center' style='font-weight: bold'>" . $row['MARKS'] . "</td>";

$total += $row['MARKS'];

IF ($row['MARKS']>35)

{

ECHO "<td align='center'>".$PASS. "</td>";

}

ELSE

{

ECHO "<td align='center'>".$FAIL. "</td>";

$RE=$FAIL;

}

echo "</tr>";

}

ECHO '<TR>';

ECHO "<TD>" . "</TD>";

ECHO "<td align='center' style='font-weight: bold'>". "TOTAL "."</td>";

ECHO "<td align='center' style='font-weight: bold'>".$total. "</td>";

ECHO '</TR>';

ECHO '<TR>';

ECHO "<TD>" . "</TD>";

ECHO "<TD>" . "</TD>";

ECHO "<td align='center' style='font-weight: bold'>". "RESULT "."</td>";

echo "<td align='center' style='font-weight: bold'>".$RE. "</td>";

ECHO '</TR>';

print '</table>';

echo '<h3 align="center"> Student Name: ' .strtoupper($NAME). '<H3>';

echo '<h3 align="center"> <a href="index.html"> Return to Home Page </a> </h3>';

}

// Create connection to Oracle

$c = oci\_connect("result", "result", "//localhost:1521/orclpdb");

// Use bind variable to improve resuability,

// and to remove SQL Injection attacks.

$query = 'select sname, subname, marks from student s join subject sub on s.sid=sub.sid where s.sid= :eidbv';

$s = oci\_parse($c, $query);

$myeid = $\_POST["roll"];

oci\_bind\_by\_name($s, ":EIDBV", $myeid);

oci\_execute($s);

do\_fetch($myeid, $s);

// Close the Oracle connection

oci\_close($c);

}

else

echo "error"

?>

**Apache Web Server:**

#Store the index.html and result.php file in the htdocs folder

start cmd as administrator

C:\Apache\Apache24\bin

httpd start

#After starting the Apache server

#Type the following in any browser: localhost/index.html

#Enter roll numbers from 1 to 5

#After viewing the information, if you want to stop the server, type the below command

httpd stop

**OUTPUT**:



