



รายงาน

เรื่อง Final Project

จัดทำโดย

นางสาวพัชริดา เจริญผล

รหัสนักศึกษา6008111003

เสนอ

ผศ.ดร.บุรินทร์ รุจจนพันธุ์

รายงานวิชาการเขียนโปรแกรมภาษาจาวาCPSC(462) ฉบับนี้เป็นส่วนหนึ่ง
ของการศึกษาตาม หลักสูตรวิทยาศาสตรบัณฑิต (วิทยาการคอมพิวเตอร์)
สาขาวิทยาการคอมพิวเตอร์ คณะบริหารธุรกิจและรัฐประศาสนศาสตร์

มหาวิทยาลัยเนชั่น

ปีการศึกษา2562

คำนำ

รายงานฉบับนี้เป็นส่วนหนึ่งของรายวิชาการเขียนโปรแกรมภาษาจาวา CPSC 331 เนื้อหาประกอบด้วย 1) การเขียนโปรแกรม login 2)เขียนโปรแกรมเพิ่มลบและอัปเดตข้อมูล user ในระบบ member 3)ตารางทั้ง 8 ใน Northwind 4) ระบบ menu 5)เพิ่ม plug-in ต่าง ๆ เช่น pyramid ทั้ง 36 โปรแกรม 6) ระบบหน้าสั่งซื้อ การรวมตารางต่างๆ

ข้าพเจ้าหวังเป็นอย่างยิ่งว่า รายงานฉบับนี้จะเป็นประโยชน์แก่ผู้ที่สนใจไมาก็น้อยหากมีข้อผิดพลาดประการใดขออภัยมา ณ ที่นี้ด้วย

จัดทำโดย

พัชริดา เจริญผล

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1. Sign in

```
<?php include("header.php"); ?>

<!DOCTYPE html>

<html>

<style>

body {font-family: Arial, Helvetica, sans-serif;}

* {box-sizing: border-box}

/* Full-width input fields */

input[type=text], input[type=password] {

    width: 100%;

    padding: 15px;

    margin: 5px 0 22px 0;

    display: inline-block;

    border: none;

    background: #f1f1f1;

}

input[type=text]:focus, input[type=password]:focus {

    background-color: #ddd;

    outline: none;

}

hr {

    border: 1px solid #f1f1f1;

    margin-bottom: 25px;

}

/* Set a style for all buttons */

button {

    background-color: #4CAF50;
```

```
color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

cursor: pointer;

width: 100%;

opacity: 0.9;
}

button:hover {

    opacity: 1;

}

/* Extra styles for the cancel button */

.cancelbtn {

    padding: 14px 20px;

    background-color: #f44336;

}

/* Float cancel and signup buttons and add an equal width */

.cancelbtn, .signupbtn {

    float: left;

    width: 50%;

}

/* Add padding to container elements */

.container {

    padding: 16px;

}

/* Clear floats */

.clearfix::after {
```

```

content: "";

clear: both;

display: table;
}

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

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

    .cancelbtn, .signupbtn {

        width: 100%;

    }

}

</style>

<body>

<form action="/action_page.php" style="border:1px solid #ccc">

    <div class="container">

        <center><h1>เข้าสู่ระบบ</h1></center>

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

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

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

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

        <div class="clearfix">

            <button type="button" class="cancelbtn">Cancel</button>

            <button type="submit" class="signupbtn">Sign Up</button>

        </div>

    </div>

</form>

</body>

```

</html>

<?php include("footer.php"); ?>



ระบบ Sign out

```
<?php
    session_start();
    session_destroy();
    header("location:singin.php");
?>
```

Code check_login

```
<?php session_start();
foreach($_POST as $key => $val) // All Key & Value
{
    echo $key . " : " . $val . "<br>";
}
```

```

$servername = "127.0.0.1";

$username = "root";

$password = "";

$dbname = "members";

// Create connection

$conn = new mysqli($servername, $username, $password, $dbname);

mysqli_set_charset($conn,'UTF8');

// Check connection

if ($conn->connect_error) {

    die("Connection failed: " . $conn->connect_error);

}

include("test_connect.php");

$sql = "SELECT * FROM mb_data WHERE Username=
".mysqli_real_escape_string($conn,$_POST['Username'])."and Password=
".mysqli_real_escape_string($conn,$_POST['Pass'])." ";

$objQuery = mysqli_query($conn,$sql);

$objResult = mysqli_fetch_array($objQuery,MYSQLI_ASSOC);

//echo print_r($_SESSION);die;

if(!$objResult)

{

    include("header.php");

    //echo "กรุณากรอก Username และ Password ให้ถูกต้อง";

    echo "<table align=center width=500 border=0><tr
align=center><br><br><br><td><h1><font color=red>กรุณากรอก Username และ Password
ให้ถูกต้อง</font></h1><br><br><br><a class= button href = singin.php><font size= 5>กลับไปหน้า
Login</a></font><br><br><br><br></td></tr></table>";

    include("footer.php");

}

else

{

```



```

$_SESSION["ID"] = $objResult["ID"];
$_SESSION["Username"] = $objResult["UserName"];
$_SESSION["Status"] = $objResult["Status"];
//$ID = $objResult['id'];
session_write_close();
if($objResult["Status"] == "2")
{
    echo header("Location:index.php");
}
else
{
    echo header("Location:index.php");
}

//echo "<table align = center><tr><br><br><br><br><td align = center width
= 900 ><img src = /image/Pathom.png style = width:100%></td></tr></table><p><p>" ;
include("footer.php");
}
mysqli_close($conn);
?>

```

2. របៀប member



Login Form	
Username	<input type="text"/>
Password	<input type="password"/>
ชื่อ - นามสกุล	<input type="text"/>
เพศ	<input checked="" type="radio"/> ชาย <input type="radio"/> หญิง
เลขบัตรประชาชน 13 หลัก	<input type="text"/>
เบอร์โทรศัพท์	<input type="text"/>
E-mail	<input type="text"/>
บ้านเลขที่	<input type="text"/>
หมู่ที่	<input type="text"/>
ชื่อหมู่บ้าน	<input type="text"/>
ถนน	<input type="text"/>
ตำบล / แขวง	<input type="text"/>
อำเภอ / เขต	<input type="text"/>
จังหวัด	<input type="text"/>
รหัสไปรษณีย์	<input type="text"/>

```
<?php include("header.php"); ?>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
```

```
<form action="addsave.php" name="frmAdd" method="post">
```

```
<center><table width="500" border="1" >
```

```
<tr>
```

```
<th colspan="2" align="center">Login Form</th>
```

```
</tr>
```

```
<tr>
```

```
<th width="240">Username</th>
```

```
<td><input type="text" name="Username" size="50"></td>
```

```
</tr>
```

```
<tr>
```

```
<th width="240">Password</th>
```

```
<td><input type="password" name="Pass" size="50"></td>
```

```
</tr>
```

```
<tr>
```

```
<th width="240">ชื่อ - นามสกุล</th>
```

```

<td><input type="text" name="name" size="50"></td>
</tr>
<tr>
    <th width="240">เพศ</th>
    <td align="center" colspan="2">
        <p><input class="w3-radio" type="radio" name="sex" value="ชาย" checked>
            <label>ชาย</label></p>
        <p><input class="w3-radio" type="radio" name="sex" value="หญิง" >
            <label>หญิง</label></p>
        </td>
    </tr>
<tr>
    <th width="240">เลขบัตรประชาชน 13 หลัก</th>
    <td><input type="text" name="ID_Card" size="50" minlength="13" maxlength="13"
onKeyPress="return num_key(event);" onKeyUp="checkID(this.value);"></td>
</tr>
<tr>
    <th width="240">เบอร์โทรศัพท์</th>
    <td><input type="text" name="Telephone" size="50" maxlength="10"></td>
</tr>
<tr>
    <th width="240">E-mail</th>
    <td><input type="text" name="Email" size="50"></td>
</tr>
<tr>
    <th width="240">บ้านเลขที่</th>
    <td><input type="text" name="House_No" size="50"></td>
</tr>

```

```
<tr>
<th width="240">หมู่ที่</th>
<td><input type="text" name="Village_No" size="50"></td>
</tr>
<tr>
<th width="240">ชื่อหมู่บ้าน</th>
<td><input type="text" name="Village" value="" size="50"></td>
</tr>
<tr>
<th width="240">ถนน</th>
<td><input type="text" name="Road" value="" size="50"></td>
</tr>
<tr>
<th width="240">ตำบล / แขวง</th>
<td><input type="text" name="Sub_district" value="" size="50"></td>
</tr>
<tr>
<th width="240">อำเภอ / เขต</th>
<td><input type="text" name="District" value="" size="50"></td>
</tr>
<tr>
<th width="240">จังหวัด</th>
<td><input type="text" name="Province" value=" " size="50"></td>
</tr>
<tr>
<th width="240">รหัสไปรษณีย์</th>
<td><input type="text" name="Postal_Code" value="" size="50" maxlength="5"></td>
</tr>
```

```

</table><p>
    <tr>
        <td colspan="0" align="center"> <input type="submit" name="submit"
value="submit"></td>
    </tr> <p>

</form>

```

Code addsave

```

<?php include("header.php");
foreach($_POST as $key => $val) // All Key & Value
{
    echo $key . " : " . $val . "<br>";
}

$servername = "127.0.0.1";
$username = "root";
$password = "";
$dbname = "members";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
mysqli_set_charset($conn,'UTF8');

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

```

```

        $sql = "INSERT INTO mb_data
(UserName,Password,name,sex,ID_Card,Telephone,Email,Status)

VALUES
('".$_POST["Username"]."', '".$_POST["Pass"]."', '".$_POST["name"]."', '".$_POST["sex"]."', '".$_POST["ID_Card"]."', '".$_POST["Telephone"]."', '".$_POST["Email"]."', '1')";

```

```

        $sql1 = "INSERT INTO mb_location
(House_No,Village_No,Village,Road,Sub_district,District,Province,Postal_Code)

VALUES
('".$_POST["House_No"]."', '".$_POST["Village_No"]."', '".$_POST["Village"]."', '".$_POST["Road"]."', '".$_POST["Sub_district"]."',
".$_POST["District"]."', '".$_POST["Province"]."', '".$_POST["Postal_Code"]."'");

```

```

$query1 = mysqli_query($conn,$sql1);

if ($conn->query($sql) === TRUE) {
    echo "บันทึกข้อมูลเรียบร้อยแล้ว";
} else {
    echo "Error: " . $sql . "<br> " . $conn->error;
}

$conn->close();

?>

```

Code select

```

<?php include("header.php");?>

<div class="w3-content w3-padding" style="max-width:1564px">

<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

<Center><h1>ตารางฐานข้อมูล</h1></Center>

<?php

    ini_set('display_errors', 1);

    error_reporting(~0);

    $serverName = "127.0.0.1";

```

```

$username = "root";
$password = "";
$dbname = "members";

$conn=mysqli_connect($servername,$username,$password,$dbname);

$sql = "SELECT * FROM mb_data";
$sql0= "SELECT * FROM mb_location";

mysqli_set_charset($conn,'UTF8');

$query = mysqli_query($conn,$sql);
$query0 = mysqli_query($conn,$sql0);

?>

<table class="table table-striped" width="100%" height="200" align="center" border="2">

<center> <font face = "RSU" ><h1><span class="label label-danger">-ตารางข้อมูลผู้ใช้งานทั้งหมด-
</span></h1><br></center>

<tr>

<th width="15"> <div align="center">ID </div></th>

<th width="100"> <div align="center">Username</div></th>

<th width="100"> <div align="center">Password</div></th>

<th width="400"> <div align="center">ชื่อ-สกุล</div></th>

<th width="80"> <div align="center">เพศ</div></th>

<th width="250"> <div align="center">เลขบัตรประชาชน</div></th>

<th width="150"> <div align="center">เบอร์โทรศัพท์</div></th>

<th width="350"> <div align="center">อีเมล </div></th>

<th width="450"> <div align="center">ที่อยู่</div></th>

<th width="200"> <div align="center">สถานะ</div></th>

<th width="150"> <div align="center">รหัสไปรษณีย์</div></th>

<th width="50"> <div align="center">Edit </div></th>

<th width="50"> <div align="center">Delete </div></th>

</tr>

```

```

<?php
while($result=mysqli_fetch_array($query,MYSQLI_ASSOC))
{
?>

<tr>

<td></div align="center"><?php echo $result["ID"];?></div></td>

<td align="center"><?php echo $result["UserName"];?></td>

<td align="center"><?php echo $result["Password"];?></td>

<td><div align="center"><?php echo $result["name"];?></div></td>

<td align="center"><?php echo $result["sex"];?></td>

<td align="center"><?php echo $result["ID_Card"];?></td>

<td align="center"><?php echo $result["Telephone"];?></td>

<td align="center"><?php echo $result["Email"];?></td>

<?php
($result0=mysqli_fetch_array($query0,MYSQLI_ASSOC))
?>

<td><div align="left">

<b>บ้านเลขที่:&nbsp;</b><?php echo $result0["House_No"];?><br>

<b> หมู่ที่:&nbsp;</b><?php echo $result0["Village_No"];?><br>

<b>ชื่อหมู่บ้าน:&nbsp;</b><?php echo $result0["Village"];?><br>

<b>ถนน:&nbsp;</b><?php echo $result0["Road"];?><br>

<b>ตำบล:&nbsp;</b><?php echo $result0["Sub_district"];?><br>

<b>อำเภอ:&nbsp;</b><?php echo $result0["District"];?><br>

<b>จังหวัด:&nbsp;</b><?php echo $result0["Province"];?><br></div>

<td align="center"><?php echo $result["Status"];?></td>

<td align="center">ไปรษณีย์:<?php echo $result0["Postal_Code"];?></td>

<td align="center"><a href="JavaScript:if(confirm('Confirm Edit?')==true){window.location='editsave.php?ID=<?php echo $result["ID"];?>'}">Edit</a></td>

```



```

        <td align="center"><a href="JavaScript:if(confirm('Confirm
Delete?')==true){window.location='delete.php?ID=<?php echo
$result["ID"];?>';}">Delete</a></td>

</tr>

</div>

<?php
}

?>

<?php
?>

<?php
mysqli_close($conn);

?>

</table>

```

Code editsave

```

<?php

include("header.php");

$serverName = "127.0.0.1";

$username = "root";

$password = "";

$dbName = "members";

$conn = mysqli_connect($serverName,$username,$password,$dbName);

$sql1 = "SELECT * FROM mb_data where ID = ".$_GET['ID'];

mysqli_set_charset($conn,'UTF8');

$query1 = mysqli_query($conn,$sql1);

$result1 = mysqli_fetch_array($query1,MYSQLI_ASSOC);

$sql2= "SELECT * FROM mb_location where id = ".$_GET['ID'];

mysqli_set_charset($conn,'UTF8');

```

```

$query2 = mysqli_query($conn,$sql2);
$result2 = mysqli_fetch_array($query2,MYSQLI_ASSOC);
?> <p>
<center><form action="test_editsave.php" name="from_add" method="post">
    <table width="284" border="1">
        <tr>
            <th width="120">รหัส</th>
            <td width="238"><input type="text" name="ID"
value="<?php echo $result1["ID"];?>"></td>
        </tr>
        <tr>
            <th width="120">Username</th>
            <td width="238"><input type="text"
name="UserName" value="<?php echo $result1["UserName"];?>"></td>
        </tr>
        <tr>
            <th width="120">Password</th>
            <td width="238"><input type="text" name="Password"
value="<?php echo $result1["Password"];?>"></td>
        </tr>
        <tr>
            <th width="120">ชื่อ - นามสกุล</th>
            <td width="238"><input type="text" name="name"
value="<?php echo $result1["name"];?>"></td>
        </tr>
        <tr>
            <th width="120">เพศ</th>
            <td width="238"><input type="text" name="sex"
value="<?php echo $result1["sex"];?>"></td>
        </tr>
    </table>

```

```

<th width="120">เลขบัตรประชาชน 13 หลัก</th>

<td width="238"><input type="text" name="ID_Card"
value="<?php echo $result1["ID_Card"];?>"></td>

</tr>

<tr>

<th width="120">เบอร์โทรศัพท์</th>

<td width="238"><input type="text"
name="Telephone" value="<?php echo $result1["Telephone"];?>"></td>

</tr>

<tr>

<th width="120">E-mail</th>

<td width="238"><input type="text" name="Email"
value="<?php echo $result1["Email"];?>"></td>

</tr><center>

<tr>

<th width="120">บ้านเลขที่</th>

<td width="238"><input type="text"
name="House_No" value="<?php echo $result2["House_No"];?>"></td>

</tr><tr>

<th width="120">หมู่ที่</th>

<td width="238"><input type="text"
name="Village_No" value="<?php echo $result2["Village_No"];?>"></td>

</tr><tr>

<th width="120">หมู่บ้าน</th>

<td width="238"><input type="text"
name="Village" value="<?php echo $result2["Village"];?>"></td>

</tr><tr>

<th width="120">ถนน</th>

<td width="238"><input type="text"
name="Road" value="<?php echo $result2["Road"];?>"></td>

```

```

        </tr><tr>
            <th width="120">ตำบล</th>
            <td width="238"><input type="text"
name="Sub_district" value="<?php echo $result2["Sub_district"];?>"></td>
        </tr><tr>
            <th width="120">อำเภอ</th>
            <td width="238"><input type="text"
name="District " value="<?php echo $result2["District"];?>"></td>
        </tr><tr>
            <th width="120">จังหวัด</th>
            <td width="238"><input type="text"
name="Province" value="<?php echo $result2["Province"];?>"></td>
        </tr>
    <tr>
        <th width="120">รหัสไปรษณีย์</th>
        <td width="238"><input type="text"
name="Postal_Code" value="<?php echo $result2["Postal_Code"];?>"></td>
    </tr>
</table> <p>

    <tr>
        <td colspan="0" align="center"> <input type="submit" name="submit"
value="submit"></td>
    </tr>

</form> <p>

```

Code delete

```

<?php include("header.php"); ?>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<table align="center" width="1080">
<?php

```

```

ini_set('display_errors', 1);
error_reporting(~0);
$serverName = "127.0.0.1";
$username = "root";
$password = "";
$dbName = "members";
$conn = mysqli_connect($serverName,$username,$password,$dbName);
mysqli_set_charset($conn,'UTF8');
>Delete = $_GET["ID"];

$sql = "DELETE FROM mb_data
        WHERE ID = '" . $Delete . "' ";
>Delete2 = $_GET["ID"];
$sql2 = "DELETE FROM mb_location
        WHERE ID = '" . $Delete2 . "' ";
$query = mysqli_query($conn,$sql);
$query2 = mysqli_query($conn,$sql2);
if(mysqli_affected_rows($conn))
{
    echo "<h1><p><center><font size=100%>บันทึกการลบสำเร็จ
</font></center></p></h1>";
}
mysqli_close($conn);
?>
</td></tr>
</table>
<table align="center" width="1080">
    <tr align="center">
        <td align="center">

```

```

<h4>

<hr class="ds2">

<a class="w3-btn w3-ripple w3-hover-green" href =select.php><font color="red">ไปหน้าตาราง
</a><hr class="ds2"></h4>

</td></tr>

</table>

```

3. ระบบ ตารางทั้ง 8 ใน Northwind

Home Games Profile Pyramid 8 Northwind

8 ตาราง

Product	Categories	Shippers	Customers	Employees	Orderdetails	Orders	Suppliers	หน้าหลัก
---------	------------	----------	-----------	-----------	--------------	--------	-----------	----------

Code Connect

```

<?php
ini_set('display_errors', 0);
$host = "localhost";
$servername = "127.0.0.1";
$username = "root";
$password = "";
$dbname = "products";
$tb          = "a_products";
$dbstatus    = 0;
myConnect();

function myConnect() {
    global $db,$host,$uname,$upass,$connect,$dbstatus;
    //echo $db,$host,$uname,$upass,$connect,$dbstatus;

```

```

        if((int)phpversion() >= 7) {
            $connect = new mysqli($host, $uname, $upass, $db);
            if ($connect->connect_error) $connect = new mysqli($host, $uname, $upass);
        } else $dbstatus = 1;

        if ($connect->connect_error) die("Connection failed: " . $connect->connect_error);
    } else {
        if(!$connect = mysql_connect($host,$uname,$upass)) die("Connect failed : ");
    }
}

?>

```

4. របបឈ្លង

Code header

```

<?php session_start();?>
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<HTML>
<HEAD>

<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
</HEAD>

<meta name="viewport" content="width=device-width, initial-scale=1">
<BODY bgcolor = "#FFFFFF">

<TR>

    <Center><TD colspan="3"><IMG SRC="image/welcome-2-1030x397.jpg"
    WIDTH="100%" HEIGHT="180" BORDER="0" ALT="Ne"></TD></Center>

```

```
</TR>
```

```
<TR>
```

```
<style>
```

```
* {box-sizing: border-box;}
```

```
body {
```

```
    margin: 0;
```

```
    font-family: Arial, Helvetica, sans-serif;
```

```
}
```

```
.header {
```

```
    overflow: hidden;
```

```
    background-color: #FF66CC;
```

```
    padding: 10px 10px;
```

```
}
```

```
.header a {
```

```
    float: left;
```

```
    color: black;
```

```
    text-align: center;
```

```
    padding: 10px;
```

```
    text-decoration: none;
```

```
    font-size: 20px;
```

```
    line-height: 15px;
```

```
    border-radius: 4px;
```

```
}
```

```
.header a.logo {
```

```
    font-size: 25px;
```

```
    font-weight: bold;
```

```
}
```

```
.header a:hover {
```

```
    background-color: #FF9999;
```



```

    color: black;
}

.header a.active {
    background-color = "#000000";
    color: blue;
}

.header-right {
    float: right;
}

@media screen and (max-width: 500px) {
    .header a {
        float: none;
        display: block;
        text-align: left;
    }
    .header-right {
        float: none;
    }
}

</style>

</head>

<style>
body,h1,h2,h3,h4,h5,h6 {font-family: "Lato", sans-serif}
.w3-bar,h1,button {font-family: "Montserrat", sans-serif}
.fa-anchor,.fa-coffee {font-size:200px}
</style>

<script>
function num_key(evt){
    var iKeyCode;

```

```

if(window.event){ // IE
    iKeyCode = evt.keyCode
}
else if(evt.which){ // Netscape/Firefox/Opera
    iKeyCode = evt.which
}
if ((iKeyCode >= 48 && iKeyCode <= 57) || iKeyCode == 8 || iKeyCode == 46){ // 8
Backspace , 46 Delete
    return true;
}
else{
    return false;
}
}

function checkID(id) {
    if (id.length == 13){
        for(i=0, sum=0; i < 12; i++){
            sum += parseFloat(id.charAt(i))*(13-i);
        }
        if ((11-sum%11)%10!=parseFloat(id.charAt(12))){
            alert('รหัสบัตรประชาชนไม่ถูกต้อง');
            document.getElementById("sp_result");
        }
        else {
            document.getElementById("sp_result");
        }
    }
}
}

```

```
</script>

<body>

<!-- Navbar on small screens -->

<?php if (@$_SESSION["Status"] == "2") {?>
    <div class="header">
        <a class="active" href="index.php">Home</a>
        <a href="game.php">Games</a>
        <a href="abm.php">Profile</a>
        <A HREF="select.php">ฐานข้อมูล </A>
    <a href="header_1.php">Pyramid</a>
    <a href="header2.php">8 Northwind</a>

    <div class="header-right">
        <a href="logout.php">Logout</a>
    </div></div>

    <?php } else if (@$_SESSION["Status"] == "1") { ?>
    <div class="header">
        <a class="active" href="index.php">Home</a>
        <a href="game.php">Games</a>
        <a href="abm.php">Profile</a>
        <a href="header_1.php">Pyramid</a>

        <div class="header-right">
            <a href="logout.php">Logout</a>
        </div></div>
```

```

<?php } else if(@$_SESSION["Status"] == "") { ?>
<div class="header">

    <a class="active" href="index.php">Home</a>

    <a href="game.php">Games</a>

    <a href="library.php">Lightbox</a>

    <a href="header_1.php">Pyramid</a>


<div class="header-right">

    <a href="singin.php">Login</a>

    <a href="register.php">สมัครสมาชิก</a>

</div></div>

<?php }?>

</body>

```

5. เพิ่ม plug-in ต่าง ๆ

Code header_1

```

<!DOCTYPE html>

<html>

<head>

<style>

.dropbtn {

    background-color: #4CAF50;

    color: white;

    padding: 16px;

    font-size: 16px;

    border: none;

    cursor: pointer;

}

```

```
.dropdown {
  position: relative;
  display: inline-block;
}

.dropdown-content {
  display: none;
  position: absolute;
  background-color: #f9f9f9;
  min-width: 160px;
  box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);
  z-index: 1;
}

.dropdown-content a {
  color: black;
  padding: 12px 16px;
  text-decoration: none;
  display: block;
}

.dropdown-content a:hover {background-color: #f1f1f1}

.dropdown:hover .dropdown-content {
  display: block;
}

.dropdown:hover .dropbtn {
  background-color: #3e8e41;
}

</style>

</head>

<body>

<h2>Pyramid 1-36</h2>
```

```
<div class="dropdown">
  <button class="dropbtn">Pyramid 1-10</button>
  <div class="dropdown-content">
    <a href="Praew_01.php">Pyramid 1</a>
    <a href="Praew_02.php">Pyramid 2</a>
    <a href="Praew_03.php">Pyramid 3</a>
    <a href="Praew_04.php">Pyramid 4</a>
    <a href="Praew_05.php">Pyramid 5</a>
    <a href="Praew_06.php">Pyramid 6</a>
    <a href="Praew_07.php">Pyramid 7</a>
    <a href="Praew_08.php">Pyramid 8</a>
    <a href="Praew_09.php">Pyramid 9</a>
    <a href="Praew_10.php">Pyramid 10</a>
  </div>
</div>

<div class="dropdown">
  <button class="dropbtn">Pyramid 11-20</button>
  <div class="dropdown-content">
    <a href="Praew_11.php">Pyramid 11</a>
    <a href="Praew_12.php">Pyramid 12</a>
    <a href="Praew_13.php">Pyramid 13</a>
    <a href="Praew_14.php">Pyramid 14</a>
    <a href="Praew_15.php">Pyramid 15</a>
    <a href="Praew_16.php">Pyramid 16</a>
    <a href="Praew_17.php">Pyramid 17</a>
    <a href="Praew_18.php">Pyramid 18</a>
    <a href="Praew_19.php">Pyramid 19</a>
    <a href="Praew_20.php">Pyramid 20</a>
  </div>
```

</div>

<div class="dropdown">

<button class="dropbtn">Pyramid 21-30</button>

<div class="dropdown-content">

Pyramid 21

Pyramid 22

Pyramid 23

Pyramid 24

Pyramid 25

Pyramid 26

Pyramid 27

Pyramid 28

Pyramid 29

Pyramid 30

</div>

</div>

<div class="dropdown">

<button class="dropbtn">Pyramid 31-36</button>

<div class="dropdown-content">

Pyramid 31

Pyramid 32

Pyramid 33

Pyramid 34

Pyramid 35

Pyramid 36

</div>

</div>

<div class="dropdown">

```

<button class="dropbtn">Login</button>
<div class="dropdown-content">
  <a href="register.php">สมัครสมาชิก</a>
  <a href="singin.php">Singin</a>
</div>
</div>
</body>
</html>

```

Pyramid 1-36



● Pyramid ทั้ง 36 โปรแกรม

Pyramid_1

```

<?php include("header.php"); ?>
<body>
<style>@font-face{font-family:mono;src:url('mono.ttf');}</style>
<pre style="font-family:mono;font-size:20px;">
<?php
for($i=1;$i<= 4;$i++){
  for($j=2;$j<= $i;$j++){
    echo " ";
  }
  echo $i;
  echo $i;
  for($j=3;$j>=($i);$j--){
    echo "***";
  }
}

```



```

    echo $i;

    echo $i;

    echo "\n";
}
?></pre></body>

<?php include("footer.php"); ?>

```

Pyramid_2

```

<?php include("header.php"); ?>

<body>

<style>@font-face{font-family:mono;src:url('mono.ttf');}</style>

<pre style="font-family:mono;font-size:20px;">

<?php
for($i=1;$i<= 4;$i++){
    for($j=$i;$j<= ($i) ;$j++){
        }

        echo $i;

        echo $j;

        for($l=$i;$l<= ($i+1) ;$l++){

            }

        echo $l;

        for($j=1;$j<=($i+2);$j++){
            echo "*";
        }

        echo "\n";
    }
?></pre></body>

<?php include("footer.php"); ?>

```

Pyramid_3

```
<?php include("header.php"); ?>

<body>

<style>@font-face{font-family:mono;src:url('mono.ttf');}</style>

<pre style="font-family:mono;font-size:20px;">

<?php
for($i=1;$i<= 4;$i++){
    for($j=($i+4);$j<= $i;$j++){
        }
    echo $i;
    echo $j;
    for($j=1;$j<=($i+4);$j++){
        echo "*";
    }
    echo "\n";
}
?></pre></body>

<?php include("footer.php"); ?>
```

Pyramid_4

```
<?php include("header.php"); ?>

<body>

<pre style="font-family:mono;font-size:20px;">

<?php
for($i= 1;$i<=4;$i++){
    for($j= 1;$j <=$i;$j++){
        echo "*";
    }
}
```

```

    }
    for($j= $i;$j >= 2;$j--){
        echo $j;
    }
    for($j= 1;$j<=$i;$j++){
        echo $j;
    }
    echo "\n";
}
?></pre></body>
<?php include("footer.php"); ?>

```

Pyramid_5

```

<?php include("header.php"); ?>
<body>
<style>
@font-face{
font-family:mono;
src:url('mono.ttf');
}
</style>
<pre style="font-family:mono;font-size:30px;">
<?php
for($i=1;$i<= 5;$i++){
    echo $i;
    for($j=1;$j<=($i+4);$j++){
        echo "*";
    }

    echo "\n";for($i=1;$j<=4;$j++) {

```

```

        for($i=1;$i<=4-$j;$i++) {
            echo(" ");
        }
        echo($j);
        for($i=2;$i<=$j;$i++){
            echo("**");
        }
        echo($j);
        echo "<br/>";
    }
    for($j=3;$j>=1;$j--) {
        for($i=1;$i<=4-$j;$i++) {
            echo(" ");
        }
        echo($i);

        for($i=2;$i<=$j;$i++){
            echo("**");
        }
        echo($j);
        echo "<br/>";
    }
}

```

?></pre></body>

<?php include("footer.php"); ?>

Pyramid_6

<?php include("header.php"); ?>

<body>

<pre style="font-family:mono;font-size:20px;">

```

<?php
for($p=1;$p<=7;$p++) {
    for($i=2;$i<=1+$p;$i++) {
        echo(" ");
    }
    for($i=1;$i<=1;$i++){
        echo($i);
    }
    for($col=$p;$i<=6;$i++){
        echo("01");
    }
    echo "<br/>";

```

```

?></pre></body>

```

```

<?php include("footer.php"); ?>

```

Pyramid_7

```

<?php include("header.php"); ?>

```

```

<body>

```

```

<pre style="font-family:mono;font-size:20px;">

```

```

<?php

```

```

for($p=1;$p<=7;$p++) {
    for($i=0;$i<=7-$p;$i++) {
        echo(" ");
    }
    for($i=1;$i<=1;$i++){
        echo($i);
    }

```

```

        for($col=3;$i<=1+$p;$i++){
            echo($i-1);
        }

        echo($p);
        for($i=$p;$i>=1;$i--){
            echo($i);
        }
        echo "<br/>";

```

```

?></pre></body>

```

```

<?php include("footer.php"); ?>

```

Pyramid_8

```

<?php include("header.php"); ?>

```

```

<body>

```

```

<pre style="font-family:mono;font-size:20px;">

```

```

<?php

```

```

for($r=1;$r<=7;$r++) {
    for($col=3;$col<=1+$r;$col++) {
        echo(" ");
    }
    for($col=$r;$col<=$r;$col++){
        echo($r);
        echo($r+1);
        echo($r+2);
    }
    for($col=2;$col<=2+$r;$col++){
        echo("*");
    }
}

```

```
        echo "\n";
?></pre></body>
<?php include("footer.php"); ?>
```

Pyramid_9

```
<?php include("header.php"); ?>
<body>
<pre style="font-family:mono;font-size:20px;">
```

```
<?php
for($r=1;$r<=5;$r++) {
    for($col=3;$col<=1+$r;$col++) {
        echo(" ");
    }
    for($col=0;$col<=5-$r;$col++){
        echo($r);
    }
    for($col=0;$col<=4-$r;$col++){
        echo($r);
    }
    echo "\n";
```

```
?></pre></body>
<?php include("footer.php"); ?>
```

Pyramid_10

```
<?php include("header.php"); ?>
<body>
<pre style="font-family:mono;font-size:20px;">
```

```

<?php
for($r=1;$r<=5;$r++) {
    for($col=1;$col<=5-$r;$col++) {
        echo(" ");
    }
    for($col=1;$col<=$r;$col++){
        echo($col);
    }
    for($col=$r;$col<=$r;$col++){
        echo(6-$r);
    }
    for($col=$r;$col>=1;$col--){
        echo($col);
    }
    echo "\n";
?></pre></body>

<?php include("footer.php"); ?>

```

Pyramid_11

```

<?php include("header.php"); ?>

<body>

<pre style="font-family:mono;font-size:20px;">

```

```

<?php
for($r=1;$r<=5;$r++) {
    for($col=1;$col<=5-$r;$col++) {
        echo(" ");
    }
    for($col=$r;$col<=$r;$col++){
        echo($r);
    }
}

```



```

    }
    for($col=2;$col<=$r;$col++){
        echo(" ");
    }
    echo($r);
    echo "\n";
?></pre></body>

```

```
<?php include("footer.php"); ?>
```

Pyramid_12

```

<?php include("header.php"); ?>

<body>

<pre style="font-family:mono;font-size:20px;">

```

```

<?php
for($r=1;$r<=5;$r++) {
    for($r=2;$col<=$r;$col++) {
        echo(" ");
    }
    for($col=$r;$col<=10-$r;$col++){
        echo($col);
    }
    echo "\n";
?></pre></body>

```

```
<?php include("footer.php"); ?>
```

Pyramid_13

```

<?php include("header.php"); ?>

<body>

<pre style="font-family:mono;font-size:20px;">

```

```

<?php
for($r=1;$r<=5;$r++) {
    for($col=2;$col<=$r;$col++) {
        echo(" ");
    }
    for($col=11;$col>=11;$col--){
        echo($col-$r-$r);
    }
    for($col=10;$col>=6+$r;$col--){
        echo($col-$r-$r);
    }
    for($col=5;$col>=1+$r;$col--){
        echo($col-$r);
    }
    echo "\n";
}

```

?></pre></body>

<?php include("footer.php"); ?>

Pyramid_14

<?php include("header.php"); ?>

<body>

<pre style="font-family:mono;font-size:20px;">

<?php

```

for($r=1;$r<=5;$r++) {
    for($col=2;$col<=0+$r;$col++) {
        echo(" ");
    }
}

```

```
for($col=$r;$col<=$r;$col++) {  
    echo($r);  
}
```

```
echo($r+1);  
for($col=1;$col<=5-$r;$col++){  
    echo(" ");  
}
```

```
for($col=$r;$col<=$r;$col++) {  
    echo($r+1);  
}
```

```
echo($r);  
echo "\n";
```

```
?></pre></body>
```

```
<?php include("footer.php"); ?>
```

Pyramid_15

```
<?php include("header.php"); ?>
```

```
<body>
```

```
<pre style="font-family:mono;font-size:20px;">
```

```
<?php
```

```
for($r=1;$r<=5;$r++) {  
    for($col=5;$col>=$r;$col--) {  
        echo($r);  
    }  
}
```

```
for($col=1;$col<=$r;$col++) {
```

```

        echo(" ");
    }

    for($col=2;$col<=$r;$col++) {
        echo(" ");
    }
    for($col=5;$col>=$r;$col--) {
        echo($r);
    }
    echo "\n";

```

?></pre></body>

<?php include("footer.php"); ?>

Pyramid_16

<?php include("header.php"); ?>

<body>

<pre style="font-family:mono;font-size:20px;">

<?php

```

for($r=1;$r<=5;$r++) {

```

```

    for($col=$r;$col>=1;$col--){
        echo($col);
    }
    for($col=1;$col<=5-$r;$col++){
        echo(" ");
    }
    for($col=$r;$col>=1;$col--){
        echo("*");
    }

```

```
        echo "\n";
?></pre></body>
<?php include("footer.php"); ?>
```

Pyramid_17

```
<?php include("header.php"); ?>
<body>
<pre style="font-family:mono;font-size:20px;">
```

```
<?php
for($r=1;$r<=5;$r++) {
    for($col=$r;$col<=5;$col++) {
        echo($col);
        echo(10-$r);
        echo($col);
        echo(10-$r);
        echo($col);
        echo(10-$r);
        echo($col);
        echo(10-$r);
    }
    echo "\n";
?></pre></body>
<?php include("footer.php"); ?>
```

Pyramid_18

```
<?php include("header.php"); ?>
<body>
<pre style="font-family:mono;font-size:20px;">
```

```

<?php
for($r=1;$r<=5;$r++) {
    for($col=$r;$col<=$r;$col++) {
        echo($col);
    }
    for($col=1;$col<=$r;$col++) {
        echo("*");
    }
    echo($col-1);
    for($col=1;$col<=6-$r;$col++) {
        echo("*");
    }
    echo($col+3);
    echo "\n";
}

```

?></pre></body>

<?php include("footer.php"); ?>

Pyramid_19

<?php include("header.php"); ?>

<body>

<pre style="font-family:mono;font-size:20px;">

<?php

```

for($r=1;$r<=5;$r++) {
    for($col=$r;$col<=$r;$col++) {
        echo($col);
    }

    for($col=$r;$col<=9;$col++){
        echo("*");
    }
}

```

```
}  
for($col=2;$col<=$r;$col++){  
    echo(" ");  
}
```

```
for($col=$r;$col<=$r;$col++){  
    echo(6-$r);  
}  
echo "\n";
```

?></pre></body>

<?php include("footer.php"); ?>

Pyramid_20

<?php include("header.php"); ?>

<body>

<pre style="font-family:mono;font-size:20px;">

<?php

```
for($r=1;$r<=5;$r++) {  
    for($col=1;$col<=$r;$col++) {  
        echo($r);  
    }  
    for($col=1;$col<=$r;$col++) {  
        echo("*");  
    }  
    for($col=1;$col<=$r;$col++) {  
        echo($r);  
    }  
    echo "\n";
```

?></pre></body>

```
<?php include("footer.php"); ?>
```

Pyramid_21

```
<?php include("header.php"); ?>
```

```
<body>
```

```
<pre style="font-family:mono;font-size:20px;">
```

```
<?php
```

```
for($r=1;$r<=5;$r++) {  
    for($col=$r;$col<=7;$col++){  
        echo("*");  
    }  
  
    echo($namwarn);  
    for($col=1;$col<=$r;$col++){  
        echo("*");  
    }  
    for($col=$r;$col<=$r;$col++){  
        echo(8-$r);  
    }  
    echo "\n";
```

```
?></pre></body>
```

```
<?php include("footer.php"); ?>
```

Pyramid_22

```
<?php include("header.php"); ?>
```

```
<body>
```

```
<pre style="font-family:mono;font-size:20px;">
```

```
<?php
```



```

for($r=1;$r<=5;$r++) {
    echo("*");
    for($col=2;$col<=$r;$col++) {
        echo(" ");
    }

    for($col=0;$col<=5-$r;$col++){
        echo($r);
    }
    for($col=0;$col<=4-$r;$col++){
        echo($r);
    }
    for($col=2;$col<=$r;$col++) {
        echo(" ");
    }
    echo("*");
    echo "\n";

```

?></pre></body>

<?php include("footer.php"); ?>

Pyramid_23

<?php include("header.php"); ?>

<body>

<pre style="font-family:mono;font-size:20px;">

<?php

```

for($r=1;$r<=5;$r++) {
    echo($r);
    for($col=1;$col<=7-$r;$col++) {
        echo("*");
    }

```

```
}
```

```
for($col=2;$col<=$r;$col++) {
```

```
    echo(" ");
```

```
}
```

```
echo($r);
```

```
echo "\n";
```

```
?></pre></body>
```

```
<?php include("footer.php"); ?>
```

Pyramid_24

```
<?php include("header.php"); ?>
```

```
<body>
```

```
<pre style="font-family:mono;font-size:20px;">
```

```
<?php
```

```
for($r=1;$r<=5;$r++) {
```

```
    echo($r);
```

```
    for($col=1;$col<=$r;$col++) {
```

```
        echo("*");
```

```
    }
```

```
    for($col=2;$col<=$r;$col++) {
```

```
        echo("*");
```

```
    }
```

```
    for($col=5;$col>=$r;$col--) {
```

```
        echo($r);
```

```
    }
```

```
    for($col=5;$col>=$r;$col--) {
```

```
        echo($r);
```

```
        echo "\n";
?></pre></body>

<?php include("footer.php"); ?>
```

Pyramid_25

```
<?php include("header.php"); ?>

<body>

<pre style="font-family:mono;font-size:20px;">
```

```
<?php
for($r=1;$r<=5;$r++) {
    for($col=1;$col<=5-$r;$col++) {
        echo("*");
    }

    for($col=1;$col<=$r;$col++){
        echo(6-$r);
    }
    for($col=2;$col<=$r;$col++){
        echo(6-$r);
    }
    for($col=0;$col<=5-$r;$col++) {
        echo("*");
    }
    echo "\n";
?></pre></body>
```

```
<?php include("footer.php"); ?>
```

Pyramid_26

```
<?php include("header.php"); ?>
```

```
<body>
<pre style="font-family:mono;font-size:20px;">
```

```
<?php
for($r=1;$r<=5;$r++) {
    for($col=0;$col<=5-$r;$col++) {
        echo($r);

    }

    for($col=1;$col<=$r;$col++) {
        echo("*");
    }
    echo "\n";
}
```

```
?></pre></body>
```

```
<?php include("footer.php"); ?>
```

Pyramid_27

```
<?php include("header.php"); ?>
```

```
<body>
```

```
<pre style="font-family:mono;font-size:20px;">
```

```
<?php
for($r=1;$r<=5;$r++) {
    echo($r);
    for($col=1;$col<=$r;$col++) {
        echo(" ");
    }

    for($col=1;$col<=$r;$col++) {
        echo("*");
    }
}
```

```
    }  
    echo "\n";  
?></pre></body>  
<?php include("footer.php"); ?>
```

Pyramid_28

```
<?php include("header.php"); ?>  
  
<body>  
  
<pre style="font-family:mono;font-size:20px;">  
  
<?php  
for($r=1;$r<=5;$r++) {  
    for($col=5;$col>=$r;$col--) {  
        echo($col);  
    }  
  
    for($col=1;$col<=$r;$col++) {  
        echo("*");  
    }  
  
    for($col=2;$col<=$r;$col++) {  
        echo("*");  
    }  
    for($col=$r;$col<=5;$col++) {  
        echo($col);  
    }  
    echo "\n";  
?></pre></body>  
<?php include("footer.php"); ?>
```

Pyramid_29

```
<?php include("header.php"); ?>

<body>

<pre style="font-family:mono;font-size:20px;">

<?php
for($r=1;$r<=5;$r++) {
    echo($r);
    echo("*");
    echo(2+$r);
    for($col=1;$col<=2+$r;$col++) {
        echo("*");
    }
    echo "\n";
?></pre></body>

<?php include("footer.php"); ?>
```

Pyramid_30

```
<?php include("header.php"); ?>

<body>

<pre style="font-family:mono;font-size:20px;">

<?php
for($r=1;$r<=5;$r++) {
    for($col=2;$col<=$r;$col++) {
        echo(" ");
    }

    for($col=0;$col<=5-$r;$col++){
```

```

        echo("*");
    }
    for($col=0;$col<=4-$r;$col++){
        echo("*");
    }
    for($col=$r;$col>=1;$col--) {
        echo($col);
    }
    echo "\n";
?></pre></body>

```

```
<?php include("footer.php"); ?>
```

Pyramid_31

```

<?php include("header.php"); ?>
<body>
<pre style="font-family:mono;font-size:20px;">

<?php
for($r=1;$r<=5;$r++) {
    for($col=$r;$col<=5;$col++) {
        echo($r);
    }
    for($col=2;$col<=$r;$col++) {
        echo(" ");
    }
    for($col=0;$col<=5-$r;$col++) {
        echo("*");
    }
    echo "\n";
?></pre></body>

```

```
<?php include("footer.php"); ?>
```

Pyramid_32

```
<?php include("header.php"); ?>
```

```
<body>
```

```
<pre style="font-family:mono;font-size:20px;">
```

```
<?php
```

```
for($r=1;$r<=5;$r++) {  
    for($col=1;$col<=8-$r;$col++) {  
        echo($col);  
    }  
    for($col=1;$col<=2+$r;$col++) {  
        echo("*");  
    }  
  
    echo($r+2);  
    echo "\n";  
}
```

```
echo($r+2);
```

```
echo "\n";
```

```
?></pre></body>
```

```
<?php include("footer.php"); ?>
```

Pyramid_33

```
<?php include("header.php"); ?>
```

```
<body>
```

```
<pre style="font-family:mono;font-size:20px;">
```

```
<?php
```

```
for($r=1;$r<=3;$r++) {  
    for($col=1;$col<=3-$r;$col++) {
```



```

        echo(" ");
    }
    for($col=1;$col<=$r;$col++){
        echo("*");
    }
    for($col=2;$col<=$r;$col++){
        echo("*");
    }
    for($col=1;$col<=3-$r;$col++) {

        echo(" ");

    }
    echo "\n";
}

for($r=2;$r>=1;$r--) {
    for($col=1;$col<=3-$r;$col++) {
        echo(" ");
    }

    for($col=1;$col<=$r;$col++){
        echo("*");
    }

    for($col=2;$col<=$r;$col++){
        echo("*");
    }
    for($col=1;$col<=3-$r;$col++) {
        echo(" ");
    }
}

```

```
?></pre></body>
```

```
<?php include("footer.php"); ?>
```

Pyramid_34

```
<?php include("header.php"); ?>
```

```
<body>
```

```
<pre style="font-family:mono;font-size:20px;">
```

```
<?php
```

```
for($r=1;$r<=3;$r++) {
```

```
    for($col=1;$col<=3-$r;$col++) {
```

```
        echo (" ");
```

```
    }
```

```
    echo ("*");
```

```
    for($col=2;$col<=$r;$col++){
```

```
        echo ($col);
```

```
    }
```

```
    for($col=$r;$col<=$r;$col++) {
```

```
        echo ($col);
```

```
    }
```

```
    for($col=$r;$col>=2;$col--){
```

```
        echo ($col);
```

```
    }
```

```
    echo ("*");
```

```
    for($col=1;$col<=3-$r;$col++) {
```

```
        echo (" ");
```

```

    }

    echo "\n";
}

for($r=2;$r>=1;$r--) {
    for($col=1;$col<=3-$r;$col++) {
        echo (" ");
    }

    echo ("*");
    for($col=1;$col<=$r;$col++){
        echo ($r);
    }

    for($col=2;$col<=$r;$col++){
        echo ($col);
    }

    echo ("*");
    for($col=1;$col<=3-$r;$col++) {
        echo (" ");
    }

    echo "\n";
}

```

?></pre></body>

<?php include("footer.php"); ?>

Pyramid_35

<?php include("header.php"); ?>

<body>

<pre style="font-family:mono;font-size:20px;">

<?php

```

for($r=0;$r<=4;$r++) {
    echo($r+1);
    echo("*");
    for($col=1;$col<=1;$col++){
        echo($col+$r+$r);
    }
    echo("*");
    for($col=2;$col<=2;$col++){
        echo($col+$r+$r);
    }
    echo "\n";
}

```

?></pre></body>

<?php include("footer.php"); ?>

Pyramid_36

<?php include("header.php"); ?>

<body>

<pre style="font-family:mono;font-size:20px;">

```

for($r=1;$r<=3;$r++) {
    for($col=1;$col<=4-$r;$col++){
        echo ($r+$col-1);
    }
    for($col=1;$col<=$r;$col++){
        echo ("*");
    }
    for($col=2;$col<=$r;$col++){
        echo ("*");
    }
    for($col=3;$col>=$r;$col--){

```

```
        echo ($col);
    }
    echo "\n";
}
for($r=2;$r>=1;$r--) {
    for($col=1;$col<=4-$r;$col++){
        echo ($r+$col-1);
    }
    for($col=1;$col<=$r;$col++){
        echo ("*");
    }
    for($col=3;$col<=1+$r;$col++){
        echo ("*");
    }

    for($col=3;$col>=$r;$col--) {
        echo ($col);
    }

    echo "\n";
}
?></pre></body>
<?php include("footer.php"); ?>
```

6,7,8.ระบบสั่งซื้อ



Code insert

```
<?php include("header.php"); ?>
```

```
<br><br><br><br><br><br>
```

```
<table align="center" width="1024" border="0" bgcolor="#CC66FF">
```

```
<tr>
```

```
<td>
```

```
<div class="w3-container">
```

```
<form action="pro_s4insert.php">
```

```
<table width="600" align="center" border="0">
```

```
<tr>
```

```
<font face="Impact" size="5">ข้อมูลสินค้า</font>
```

```
<td width="200" align="right"><p><label>รหัสสินค้า :</label></p></td>
```

```
<td>&nbsp;</td><td width="400">
```

```
<input class="w3-input" type="text" name="id_productid" style="width:50%"  
required>
```

```
</td>
```

```

</tr>
<tr>
    <td width="200" align="right"><p><label>ชื่อสินค้า :</label></p></td>
    <td>&nbsp;</td><td width="400">
        <input class="w3-input" type="text" name="productname"
style="width:50%" required>
    </td>
</tr><tr>
    <td width="200" align="right"><p><label>รหัสผู้จำหน่าย :</label></p></td>
    <td>&nbsp;</td><td width="400">
        <input class="w3-input" type="text" name="supplierid" style="width:50%"
required>
    </td>
</tr><tr>
    <td width="200" align="right"><p><label>รหัสกลุ่มสินค้า :</label></p></td>
    <td>&nbsp;</td><td width="400">
        <input class="w3-input" type="text" name="categoryid" style="width:50%"
required>
    </td>
</tr><tr>
    <td width="200" align="right"><p><label>ปริมาณต่อหน่วย :</label></p></td>
    <td>&nbsp;</td><td width="400">
        <input class="w3-input" type="text" name="quantityperunit"
style="width:50%" required>
    </td>
</tr>
<tr align="center">
    <td width="200">
    </td>
    <td>&nbsp;</td>

```

```

        <td width="400">

                <br><p><button class="w3-btn w3-ripple w3-hover-green"
type="submit">Save</button></p>

        </td>

</tr>

</table>

</div>

</form>

        </td>

</tr>

<tr align="center">

        <td>

                <a href="pro_s0index.php"><p><button class="w3-btn w3-ripple w3-
hover-red">Back</button></p></a>

        </td>

</tr>

</table><br><br><br>

```

```

<?php include("footer.php"); ?>

<?php
if (!isset($_GET['id_productid']) || !isset($_GET['productname'])) exit;
require("prod_s1connect.php");

$sql="insert into $tb
values('".$_GET['id_productid']."','".$_GET['productname']."','".$_GET['supplierid']."','".$_G
ET['categoryid']."','".$_GET['quantityperunit']."')";

if((int)phpversion() >= 7) {

        if($connect->query($sql) === FALSE)

                echo "$sql : failed";

        else

                echo "$sql : succeeded";

```



```

        $connect->close();
    } else {
        if(!$result=mysql_db_query($db,$sql))
            echo "$sql : failed";
        else
            echo "$sql : succeeded";
        mysql_close($connect);
    }
?>

```

Code delete

```

<tr>

    <font face="Impact" size="5">ต้องกรอกรลบ id</font>

    <td width="200" align="right"><p><label>รหัสสินค้า :</label></p></td>

    <td>&nbsp;</td><td width="400">

        <input class="w3-input" type="text" name="delid" style="width:50%"
required>

    </td>

</tr>

<tr align="center">

    <td width="200">

    </td>

    <td>&nbsp;</td>

    <td width="400">

        <br><p><button class="w3-btn w3-ripple w3-hover-green"
type="submit">Delete</button></p>

    </td>

</tr>

</table>

```

```

        </div>
</form>

        </td>

    </tr>

    <tr align="center">

        <td>

            <a href="pro_s0index.php"><p><button class="w3-btn w3-ripple w3-
hover-red">Back</button></p></a>

        </td>

    </tr>

</table><br><br><br><br><br><br>
<?php include("footer.php"); ?>
<table align="center" width="100%">
    <tr align="center">
        <td>

            <?php
$myForm = '<body>

<form action="prod_s5delete.php">
</form>';

if (!isset($_GET['delid'])) {
    echo $myForm;
    exit;
}
require("prod_s1connect.php");
$sql="delete from $tb ";
$sql.="where id_productid='".$_GET['delid']."'";
if((int)phpversion() >= 7) {
    if($connect->query($sql) === FALSE)

```

```

        echo "$sql : failed";
    else
        header("location: pro_s0index.php");
        $connect->close();
    } else {
        if(!$result=mysql_db_query($db,$sql))
            echo "$sql : failed";
        else
            header("location: pro_s0index.php");
        mysql_close($connect);
    }
?>
</td>
</tr>
</table>

```

Code Update

```

<?php include("header.php"); ?>
<br><br><br><br><br><br><br>
<table align="center" width="1024" border="0" bgcolor="#F5F5F5">
    <tr>
        <td>
<div class="w3-container">
    <font face="Impact" size="16">Products</font>
<form action="pro_s6update.php">
<table width="600" align="center" border="0">
    <tr>
        <td width="200" align="right"><p><label>รหัสสินค้า :</label></p></td>
        <td>&nbsp;</td><td width="400">

```

```

        <input class="w3-input" type="text" name="id_productid" style="width:50%"
required>

        </td>

    </tr>

    <tr>

        <td width="200" align="right"><p><label>ชื่อสินค้า :</label></p></td>

        <td>&nbsp;</td><td width="400">

            <input class="w3-input" type="text" name="productname"
style="width:50%" required>

            </td>

        </tr><tr>

            <td width="200" align="right"><p><label>รหัสผู้จำหน่าย :</label></p></td>

            <td>&nbsp;</td><td width="400">

                <input class="w3-input" type="text" name="supplierid" style="width:50%"
required>

                </td>

            </tr><tr>

                <td width="200" align="right"><p><label>รหัสกลุ่มสินค้า :</label></p></td>

                <td>&nbsp;</td><td width="400">

                    <input class="w3-input" type="text" name="categoryid" style="width:50%"
required>

                    </td>

                </tr><tr>

                    <td width="200" align="right"><p><label>ปรมาณต่อหน่วย :</label></p></td>

                    <td>&nbsp;</td><td width="400">

                        <input class="w3-input" type="text" name="quantityperunit"
style="width:50%" required>

                        </td>

                    </tr>

    <tr align="right">

```

```

        <td width="200">
            </td>
        <td>&nbsp;</td>
        <td width="400">
            <p><button class="w3-btn w3-ripple w3-hover-green"
type="submit">Update</button></p>
            </td>
        </tr>
    </table>

    </div>
</form>

    </td>
</tr>
<tr align="center">
    <td>
        <a href="pro_s0index.php"><p><button class="w3-btn w3-ripple w3-
hover-red">Back</button></p></a>
    </td>
</tr>
</table><br><br><br><br><br>

```

```

<?php include("footer.php"); ?>
<?php
if (!isset($_GET['id_productid'])) { exit; }
require("prod_s1connect.php");
$sql.="update productsTest set ";
$sql.="id_productid='". $_GET['id_productid'] .'", ";
$sql.="productname='". $_GET['productname'] .'", ";
$sql.="supplierid='". $_GET['supplierid'] .'", ";

```

```

$sql.="categoryid='". $_GET['categoryid'] ."', ";
$sql.="quantityperunit='". $_GET['quantityperunit'] ."' ";
$sql.="where id_productid='". $_GET['id_productid'] ."";
if((int)phpversion() >= 7) {
    if($connect->query($sql) === FALSE)
        echo "$sql : failed";
    else
        echo "<meta http-equiv='refresh' content='0; url=pro_s0index.php'/>";
    $connect->close();
} else {
    if(!$result=mysql_db_query($db,$sql))
        echo "$sql : True";
    else
        echo "<meta http-equiv='refresh' content='0; url=pro_s0index.php'/>";
    mysql_close($connect);
}
?>

```

Code Select

```

<table align="center">
    <tr align="center">
        <td>
            <font face="Impact" size="5"><b>ข้อมูลสินค้า</b></font><br><br>
        </td>
    </tr>
    <tr align="center">
        <td>
            <?php
                require("prod_s1connect.php");

```

```

        $sql="select * from $tb";
        if((int)phpversion() >= 7) {

            $result = $connect->query($sql);
            if ($result->num_rows > 0) {

                while($row = $result->fetch_assoc()) {

                    echo "id_productid :
".$row["id_productid"]."- productname : ".$row["productname"]."- supplierid : ".
$row["supplierid"]."- categoryid : ". $row["categoryid"]."- quantityperunit : ".
$row["quantityperunit"]."<br/>";

                }

            } else {

                echo "no results";

            }

            $connect->close();
        } else {

            if (!$result=mysql_db_query($db,$sql)) die("Query :
failed");

            echo "Display all records : <br/>";
            while ($object = mysql_fetch_object($result)) {

                echo $object->eid . " " . $object->ename .

                "<br/>";

            }

            echo "Total " . mysql_num_rows($result) . " records";
            mysql_close($connect);

        }

        //echo "<center><a href=pro_soindex.php>back</a>";

        ?>

    </td>

</tr>

</table>

```

9.มีการใช้ inner join 3 ตาราง

```
<?php include("test_header.php"); ?>
```

```
<?php
```

```
/* Section 1 : Configuration */
```

```
include("connectdb.php");
```

```
/* Section 2 : Variable */
```

```
$maxField = 10;
```

```
$lineperpage = 25;
```

```
$linenumber = true;
```

```
if(isset($_GET["p"])) $currentpage = $_GET["p"]; else $currentpage = 1;
```

```
if((int)phpversion() >= 7) $php7 = true; else $php7 = false;
```

```
if(isset($_GET["php"])) { if($_GET["php"] == "7") $php7 = true; else $php7 = false; }
```

```
$mytable = "<style>
```

```
.mytable { margin-left:auto; margin-right:auto; }
```

```
.mytable td {padding:3px; border-bottom: 1px solid #dddddd; }
```

```
.mytable tr:nth-child(even) {background-color: #ddffdd}
```

```
.mytable tr:nth-child(odd) {background-color: #ffffdd}
```

```
.mytable tr:hover {background-color: #dddfff}
```

```
</style>";
```

```
/* Section 3 : Connection */
```

```
if($php7) {
```

```
    $connect = new mysqli($host, $uname, $upass, $db);
```

```
    if ($connect->connect_error) die("Connection failed: " . $connect->connect_error);
```

```
} else {
```

```
    if (function_exists('mysql_connect')) {
```



```

    if(!$connect = mysql_connect($host, $uname, $upass)) die("Connect failed : ");
} else {
    die("function mysql_connect : not exist in PHP");
}
}

/* Section 4 : SQL Command */
$sql_type = 0; // SQL type
if(isset($_GET["t"])) {
    $sql_type = $_GET["t"];
    switch ($_GET["t"]) {
        /* 1 - start here */
        case "1": $sql="
select * from products
"; break;

        case "2": $sql="
select orderid, count(productid) as Countproductid from `orderdetails` group by orderid
";
        $query = sqlsrv_query($connect, $sql);

        while($result = sqlsrv_fetch_array($query, SQLSRV_FETCH_ASSOC))
        {
            if ($result["orderid"] < 116){

                echo $result["orderid"];
            }

            echo $result["orderid"];
        }
    }
}

```

```
//break;
```

```
/* 14 - inner join 2 way */
```

```
case "3": $sql="
```

```
select orders.customerid, `orderdetails`.*, products.*
```

```
from (orders inner join `orderdetails` on orders.orderid = `orderdetails`.orderid
```

```
inner join products on `orderdetails`.productid = products.id_productid)
```

```
where `orderdetails`.unitprice > 20
```

```
"; break; // testing : [pass] in phpmyadmin but [fail] in MDBviewerplus
```

```
case "4": $sql="
```

```
select categories.id_categoryid, `suppliers`.*, products.*
```

```
from (categories inner join `products` on categories.id_categoryid = `products`.categoryid
```

```
inner join suppliers on `products`.supplierid = suppliers.supplierid)
```

```
where `products`.price < 100
```

```
";
```

```
break; // testing : [pass] in phpmyadmin but [fail] in MDBviewerplus
```

```
case "5": $sql="
```

```
select categories.id_categoryid, `orderdetails`.*, products.*
```

```
from (categories inner join `products` on categories.id_categoryid = `products`.categoryid
```

```
inner join orderdetails on `products`.id_productid = orderdetails.productid)
```

```
";
```

```
break; // testing : [pass] in phpmyadmin but [fail] in MDBviewerplus
```

```

case "6": $sql="
select orderid, count(orderid) from orderdetails group by orderid
"; break;

case "7": $sql="
select customerid, count(customerid) from orders group by customerid
"; break;

case "8": $sql="
select employeeid, count(employeeid) from orders group by employeeid
"; break;

}
}

```

```

/* Section 5 : Display data */

```

```

if(isset($_GET["sql"])) && $_GET["sql"] == "show") die($sql);
if($php7) {
    $result = $connect->query($sql);
    if ($result->num_rows == 0) die("Query : failed<br/>" . $sql);
    $numField = mysqli_num_fields($result);
    if($numField < $maxField) $maxField = $numField;
    echo $mytable . "<table class='mytable'><tr style='background-color:black;color:white;'>";
    if($linenumber) echo "<br/><br/><br/><br/><td>no.</td>";
    $i = 0;
    while ($fieldinfo=mysqli_fetch_field($result)) {
        if ($i++ < $maxField) echo "<td style='text-align:center'>" . $fieldinfo->name . "</td>";
    }
    echo "</tr>";
}

```

```

$cntrec=1;

$totalRec = mysqli_num_rows($result);

while ($row = mysqli_fetch_array($result)) {

    if ($cntrec >=firstrec($totalRec,$lineperpage,$currentpage) && $cntrec
<=lastrec($totalRec,$lineperpage,$currentpage)) {

        echo "<tr>";

        if($linenumber) echo "<td>$cntrec</td>";

        for ($i=0; $i<$maxField ; $i++ ) { echo "<td>$row[$i]</td>"; }

        echo "</tr>";

    }

    $cntrec++;

}

echo "</table>";

for($i=1;$i<=totalpage($totalRec,$lineperpage);$i++) {

    if ($i == $currentpage)

        echo "$i : ";

    else

        echo "<a href='?t=$sql_type&p=$i'>$i</a> : ";

}

echo "Total $totalRec records";

$connect->close();

} else {

    if (!$result=mysqli_db_query($db,$sql)) die("Query : failed<br/>".$sql);

    $numField = mysqli_num_fields($result);

    if($numField < $maxField) $maxField = $numField;

    echo "<style>table,th,td {border: 1px solid #dddddd;border-spacing:1px}</style>";

    echo "<table style='border-style:solid;border-width:2px;border-color:blue'><tr>";

    if($linenumber) echo "<td>no.</td>";

    for ($i=0; $i<$maxField ; $i++ ) {

```

```

        echo "<td style='background-color:#ffffdd;text-align:center'>" .
mysql_field_name($result, $i) . "</td>";
    }
    echo "</tr>";
    $cntrec=1;
    $totalRec = mysql_num_rows($result);
    while ($row = mysql_fetch_array($result)) {
        if ($cntrec >=firstrec($totalRec,$lineperpage,$currentpage) && $cntrec
<=lastrec($totalRec,$lineperpage,$currentpage)) {
            echo "<tr>";
            if($linenumber) echo "<td>$cntrec</td>";
            for ($i=0; $i<$maxField ; $i++ ) { echo "<td>$row[$i]</td>"; }
            echo "</tr>";
        }
        $cntrec++;
    }
    // while ($row = mysql_fetch_assoc($result)) { echo $row["CustomerID"]; }
    echo "</table>";
    for($i=1;$i<=totalpage($totalRec,$lineperpage);$i++) {
        if ($i == $currentpage)
            echo "$i : ";
        else
            echo "<a href='?t=$sql_type&p=$i'>$i</a> : ";
    }
    echo "Total $totalRec records";
    mysql_close($connect);
}

echo '<br/><a href="?t=1&php=7">PHP7 Select</a> : <a href="?t=3&php=7">Inner Join 3
Table No.01</a> : <a href="?t=4&php=7">Inner Join 3 Table No.02</a> : <a
href="?t=5&php=7">Inner Join 3 Table No.03</a> : <a href="?t=6&php=7">Group

```

No.01 : Group No.02 : Group
No.03';

```
function totalpage($totalrec,$lpp) { return ceil($totalrec / $lpp); }
```

```
function firstrec($totalrec,$lpp,$page) { return (($lpp * ($page - 1) + 1) > $totalrec ? 1 : ($lpp  
* ($page - 1) + 1)); }
```

```
function lastrec($totalrec,$lpp,$page) { return (($lpp * $page) > $totalrec ? $totalrec : ($lpp  
* $page)); }
```

```
?>
```

```
<?php include("footer.php"); ?>
```