

## **Project Title: Coffee Shop Vender System**

### **1. Project Significance:**

This software is used by coffee shops like Starbucks, Best Seattle, the Cups and so on. It also could be used in snack bars and even fast food restaurant (we modified the prices and updated the menu according to the customer's need)

### **2. Goal of this project**

- a. learning and practicing in HTML web design language including JavaScript and CSS3
- b. learning and practicing in PHP programming language (including combine PHP with mySQL to manipulating with data)
- c. using mySQL --- create database, create tables, create attributes and insert values. Deleting and updates data in tables.  
Connecting the specific database and query in specific table

### **3. implementation**

- a. Creating an database coffeeshop by in compile prompt and creating a table called staff ,insert value into staff ( name, title and password)
- b. Creating interface (homepage) for coffee shop staff or manager to login ( Using HTML language).
- c. Connecting homepage to next page by method= 'post' and action = ' XXX.php'.
- d. Using query statement in php file to find out whether the UserID and password that people entered are matching.
- e. If matching, goes to menu page.
- f. Choose beverage, the page can functioning as do add or minus operation. And to show the finally price.
- g. Click to pay
- h. It goes to check out and it will ask you to pay by cash or credit card
- i. Choose the payment method and then click

### **4. Reference:**

- a. <<Internet & World Wide Web How to Program>> 5<sup>th</sup> edition
- b. <http://www.w3schools.com/>
- c. Handout from CSC 450 Software Engineer

### **5. Conclusion:**

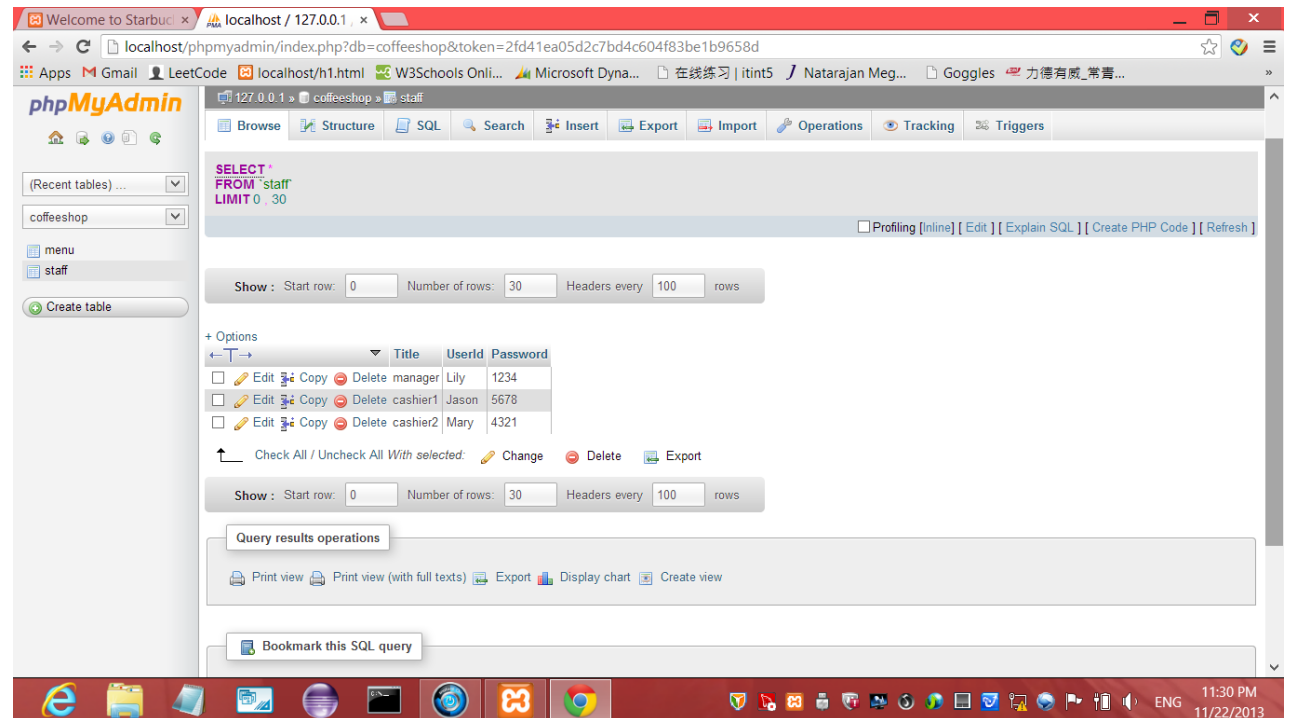
This is a term-project that I spent approximately 4 months to accomplish. During the process, I did research online and practice a lot on PHP, HTML and javascript. I have learned several functions and methods in those languages. For example, image link, POST method, creating and designing tables(HTML), implementing submit button(format), creating database, table and attributes(mySQL), connecting database with

PHP, login in with authentication etc. Sometimes there are several ways to implement the same function; I have to distinguish the most efficient one or simplest one.

In a word, I become more familiar with common function in PHP and HTML language by doing this project. It contributes to me with on hand working experiences of front-end design and programming.

## Screen Shot:

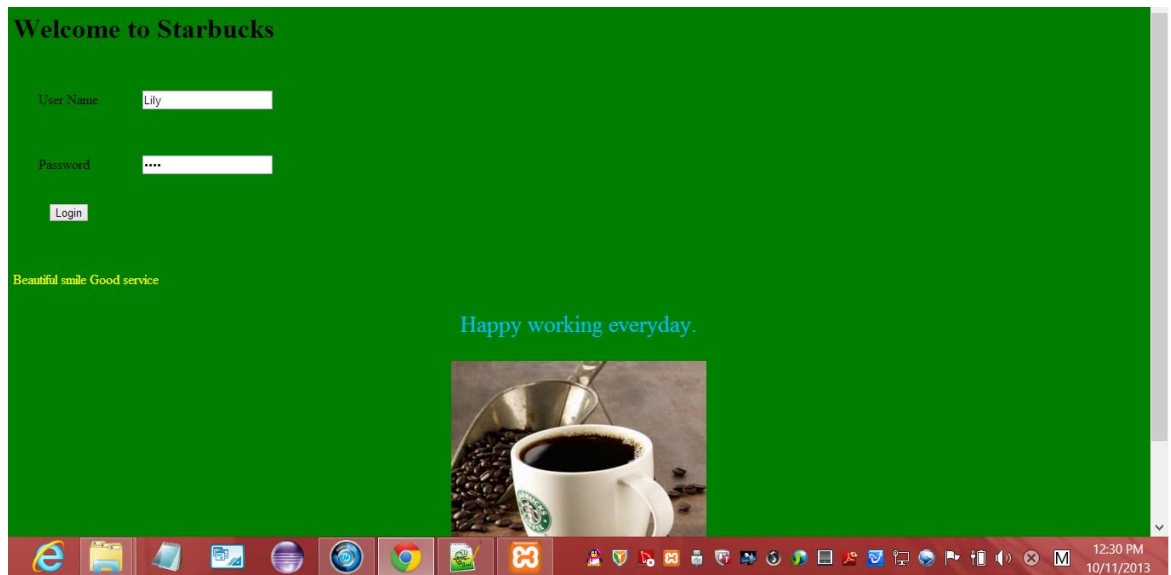
### Database table staff



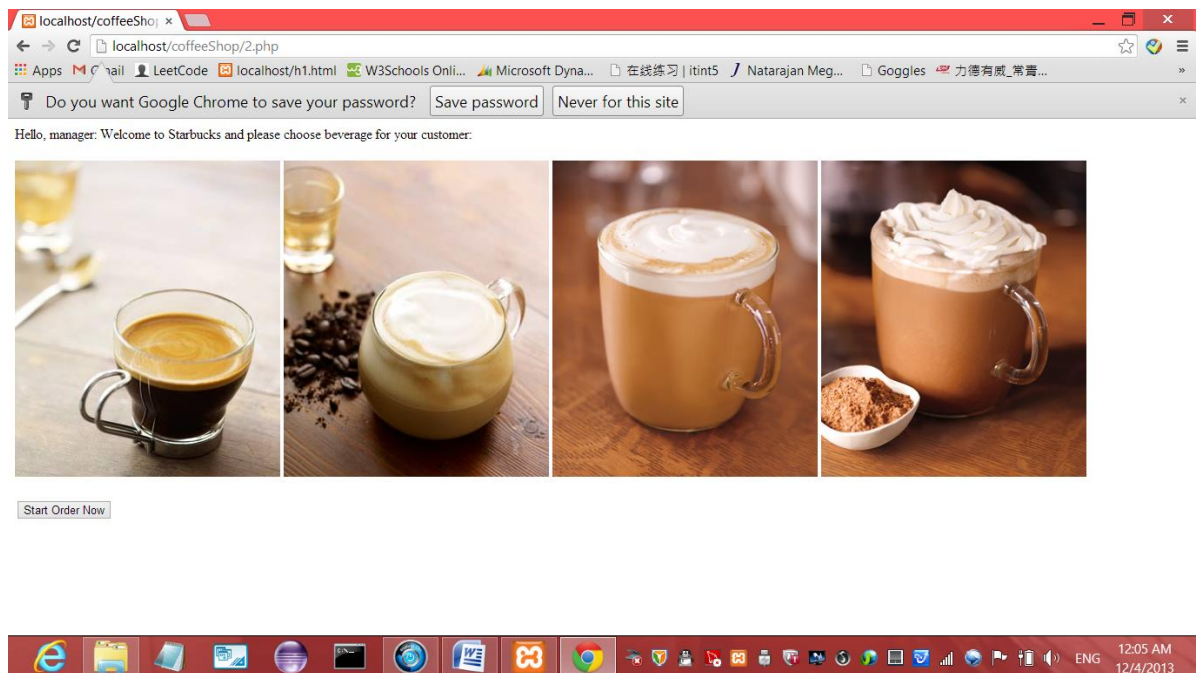
The screenshot displays the phpMyAdmin web interface. The browser address bar shows the URL: `localhost/phpmyadmin/index.php?db=coffeeshop&token=2fd41ea05d2c7bd4c604f83be1b9658d`. The interface includes a top navigation bar with tabs like 'Browse', 'Structure', 'SQL', 'Search', 'Insert', 'Export', 'Import', 'Operations', 'Tracking', and 'Triggers'. On the left sidebar, the 'coffeeshop' database is selected, and the 'staff' table is highlighted. The main content area shows a SQL query: `SELECT * FROM staff LIMIT 0, 30`. Below the query, there are controls for 'Show' (Start row: 0, Number of rows: 30, Headers every: 100 rows). A table of results is displayed with columns 'Title', 'UserId', and 'Password'. The table contains three rows of data. Below the table, there are buttons for 'Check All / Uncheck All', 'With selected', 'Change', 'Delete', and 'Export'. At the bottom, there are links for 'Query results operations' including 'Print view', 'Print view (with full texts)', 'Export', 'Display chart', and 'Create view'. A 'Bookmark this SQL query' button is also present.

Title	UserId	Password
manager	Lily	1234
cashier1	Jason	5678
cashier2	Mary	4321

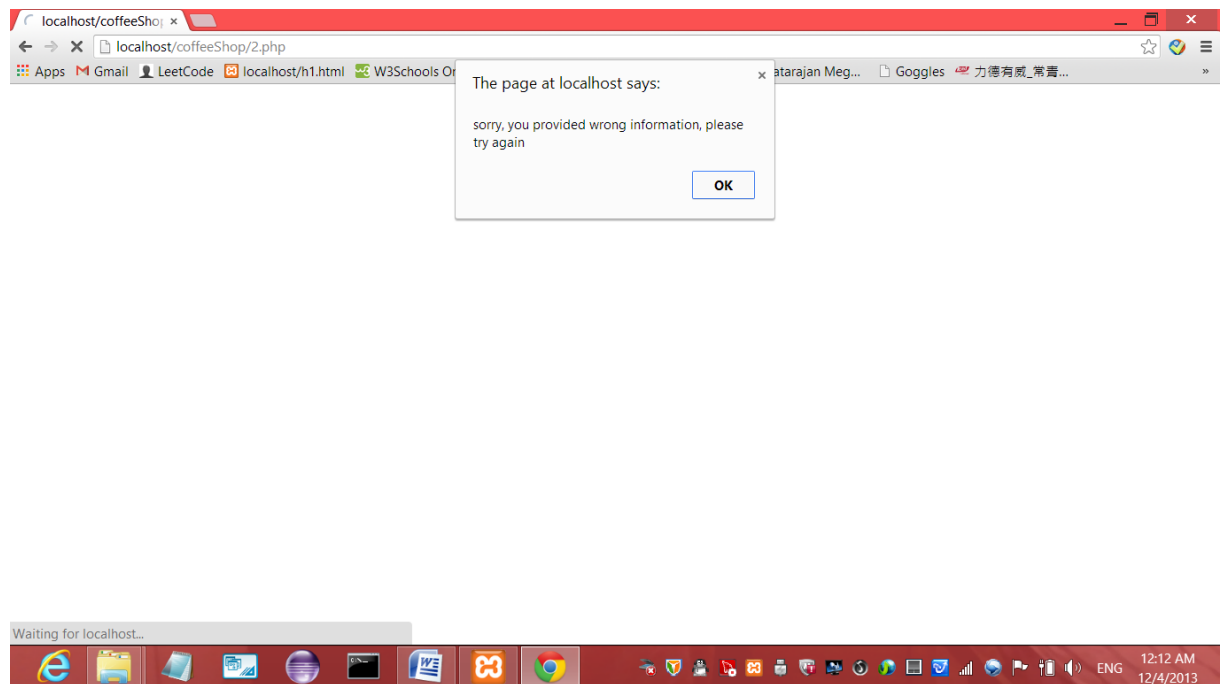
## 1. starbucks homepage



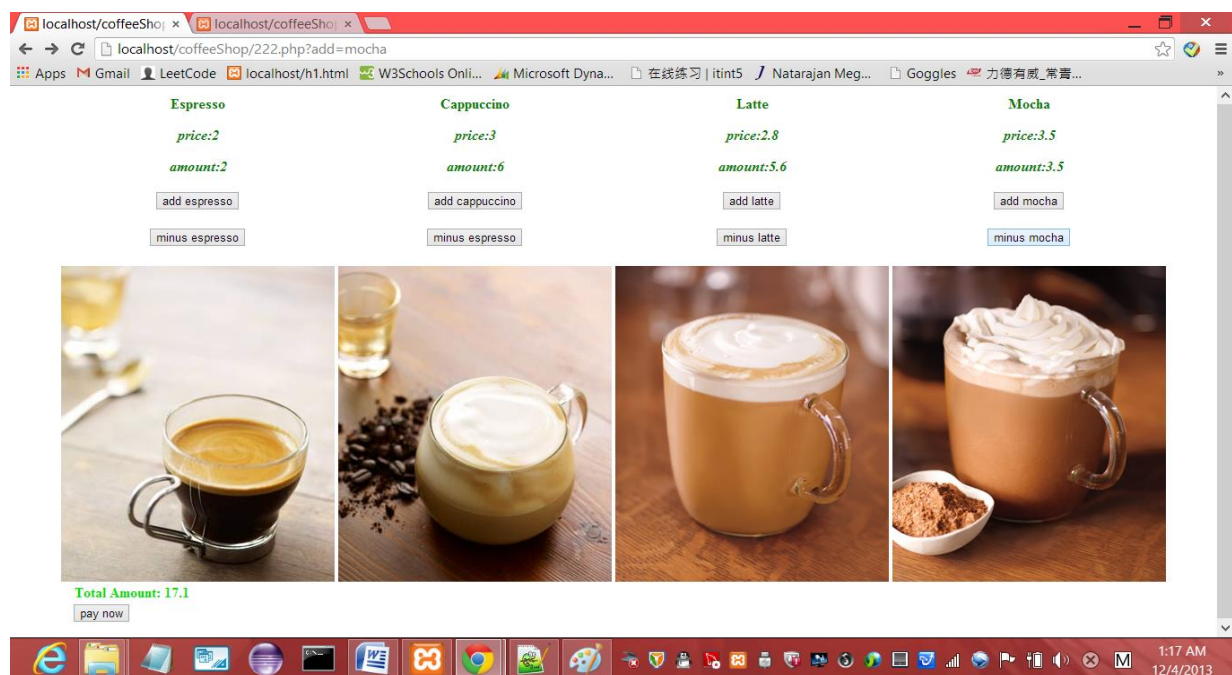
## 2. log in the system successfully



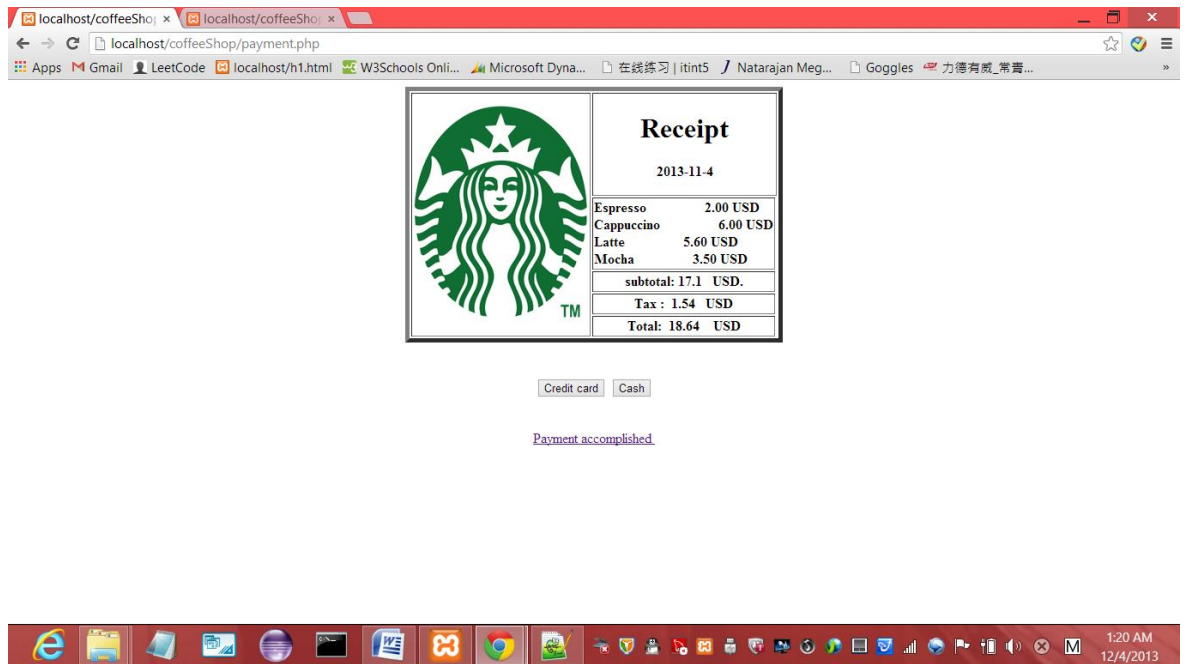
### 3. Login unsuccessfully:



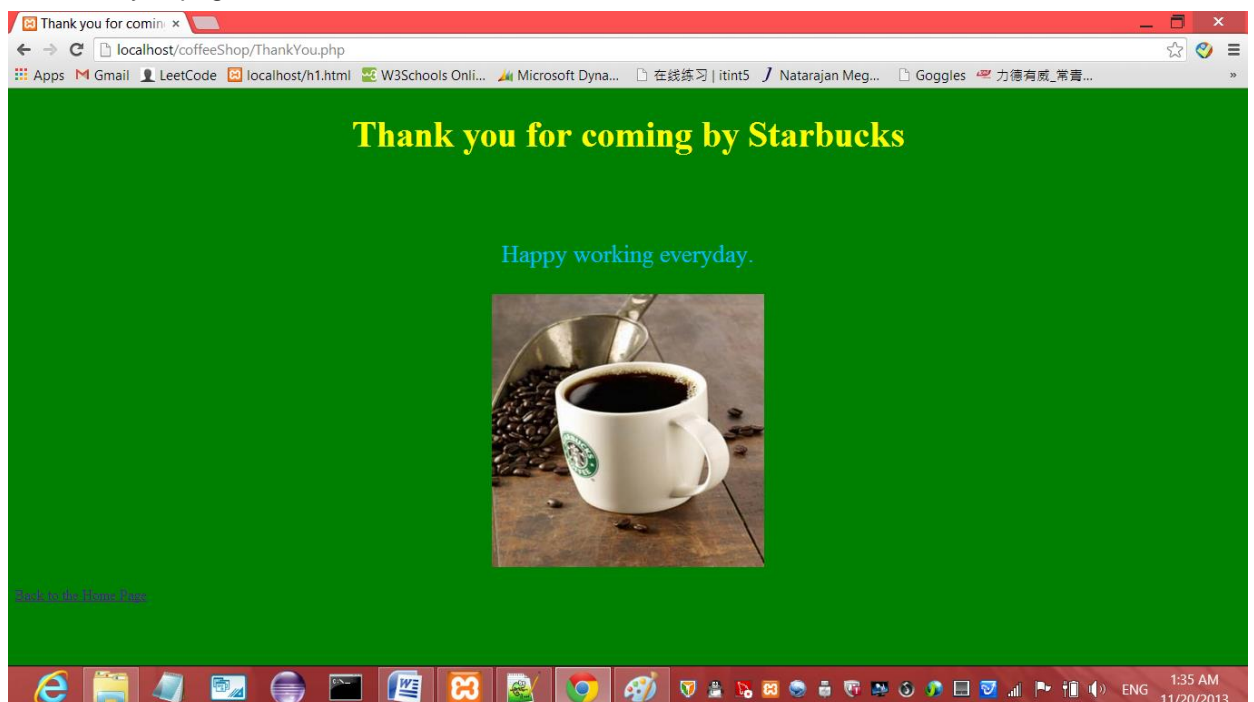
### 4. selecting the beverage:



## 5. payment page



## 6. Thankyou page:



## Coding:

### 1.Starbucks.html

```
<!DOCTYPE html>
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<title>Welcome to Starbucks</title>
</head>
<body bgcolor="green">
    <h1> Welcome to Starbucks </h1>
<form method="post" action="2.php">
    <table cellspacing="10" cellpadding="20">
        <tr>
            <td>User Name</td>
            <td><input type="text" name="username" /></td>
        </tr>
        <tr>
            <td>Password</td>
            <td><input type="password" name="password" /></td>
        </tr>
    </table>
    <span style="margin-left:40px"></span><input type="submit" name="Request"
value="Login" />
</form>
<br></br>
<p style="color:yellow;">Beautiful smile Good service</p>
<p style="font-size: 20pt; color: deepskyblue;text-align:center"> Happy working everyday.
    </p>
    <p>
<div style="text-align:center;">
</div>
</div>
</body>
</html>
```

### 2 . 2.php (login page)

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

```

<?php
$host = "localhost";
$user = "root";
$pass = "";
$dbname = "coffeeshop";
$var_user = $_POST['username'];
$var_pw = $_POST['password'];
$connection = mysql_connect($host,$user,$pass);
if(!$connection) echo "Could not open connection to host!";
$db = mysql_select_db($dbname,$connection);
if(!$db) echo "Database selection failed!";
$query = null;
$result = null;
$query = "select * from Staff m where ((m.UserId = '$var_user')&&(m.Password =
'$var_pw'))";
$result = mysql_query($query);
$num = mysql_numrows($result);

if($num<1) {

    echo "<script>alert('sorry, you provided wrong information, please try again');
    history.go(-1);</script>";

}

else {
    mysql_close();

    $i=0;
    echo "<table cellpadding='0' cellspacing='10'>";
    while($i < $num) {
        $Title = mysql_result($result,$i, "Title");

        echo "<tr>Hello, $Title: Welcome to Starbucks and please choose beverage for
        your customer: </tr>";$i++;}

    echo "</table>";
    if($num = 0) echo "No results.";
}

?>

```

```

<tr>
<td>

</td>
<td>

</td>
<td>

</td>
<td>

</td>
</tr>
</table>

<br><br>
<a href="222.php"><input type="button" value="Start Order Now"></a>

</body>
</html>

```

### 3 222.php

```

<html>
<head>
</head>
<body>

<?php
$espressoAmount=0;
$cappuccinoAmount=0;
$latteAmount=0;
$mochaAmount=0;

if(isset($_POST["espressoAmount"])){
    $espressoAmount=$_POST["espressoAmount"];
}
if(isset($_POST["cappuccinoAmount"])){
    $cappuccinoAmount=$_POST["cappuccinoAmount"];
}
if(isset($_POST["latteAmount"])){

```



```
$latteAmount=$_POST["latteAmount"];
}
```

```
if(isset($_POST["mochaAmount"])){
    $mochaAmount=$_POST["mochaAmount"];
}
```

```
$espressoPrice=2;
$cappuccinoPrice=3;
$lattePrice=2.8;
$mochaPrice=3.5;
```

```
if(isset($_GET["add"])){
    $add=$_GET["add"];
    if($add=="espresso"){
        $espressoAmount=$espressoAmount+$espressoPrice;
    }
    if($add=="cappuccino"){
        $cappuccinoAmount=$cappuccinoAmount+$cappuccinoPrice;
    }
    if($add=="latte"){
        $latteAmount=$latteAmount+$lattePrice;
    }
}
```

```
if($add=="mocha"){
    $mochaAmount=$mochaAmount+$mochaPrice;
}
}

if(isset($_GET["minus"])){
    $minus=$_GET["minus"];
    if($minus=="espresso"){
        $espressoAmount=$espressoAmount-$espressoPrice;
    }
    if($minus=="cappuccino"){
        $cappuccinoAmount=$cappuccinoAmount-$cappuccinoPrice;
    }
    if($minus=="latte"){
        $latteAmount=$latteAmount-$lattePrice;
    }
}
```

```
if($minus=="mocha"){
    $mochaAmount=$mochaAmount-$mochaPrice;
```

```
}
```

```
}
```

```
$totalAmount=$espressoAmount+$cappuccinoAmount+$latteAmount+$mochaAmount;  
?>
```

```
<table border="0" align="center" style="color:green; font-size:12pt">
```

```
<tr>
```

```
<th><b>Espresso</b>
```

```
<p><i>price:<?php echo $espressoPrice; ?></i></p>
```

```
<p><i>amount:<?php echo $espressoAmount; ?></i></p>
```

```
<form action="222.php?add=espresso" method="post">
```

```
<input type="submit" value="add espresso" />
```

```
<input type="hidden" name="espressoAmount" value="<?php echo  
$espressoAmount; ?>"/>
```

```
<input type="hidden" name="cappuccinoAmount" value="<?php echo  
$cappuccinoAmount; ?>"/>
```

```
<input type="hidden" name="latteAmount" value="<?php echo $latteAmount; ?>"/>
```

```
<input type="hidden" name="mochaAmount" value="<?php echo $mochaAmount; ?>"/>
```

```
</form>
```

```
<form action="222.php?minus=espresso" method="post">
```

```
<input type="submit" value="minus espresso" />
```

```
<input type="hidden" name="espressoAmount" value="<?php echo  
$espressoAmount; ?>"/>
```

```
<input type="hidden" name="cappuccinoAmount" value="<?php echo  
$cappuccinoAmount; ?>"/>
```

```
<input type="hidden" name="latteAmount" value="<?php echo $latteAmount; ?>"/>
```

```
<input type="hidden" name="mochaAmount" value="<?php echo $mochaAmount; ?>"/>
```

```
</form>
```

```
</th>
```

```
<th><b>Cappuccino</b>
```

```
<p><i>price:<?php echo $cappuccinoPrice; ?></i></p>
```

```
<p><i>amount:<?php echo $cappuccinoAmount; ?></i></p>
```

```
<form action="222.php?add=cappuccino" method="post">
```

```
<input type="submit" value="add cappuccino">
```

```
<input type="hidden" name="espressoAmount" value="<?php echo
```

```

$espressoAmount; ?>"/>


```

```

<form action="222.php?minus=cappuccino" method="post">


```

```

<th><b>Latte</b>
<p><i>price:<?php echo $lattePrice; ?></i></p>
<p><i>amount:<?php echo $latteAmount; ?></i></p>
<form action="222.php?add=latte" method="post">


```

```



```

```

<form action="222.php?minus=latte" method="post">


```

```

<th><b>Mocha</b>

```

```

<p><i>price:<?php echo $mochaPrice; ?></i></p>
<p><i>amount:<?php echo $mochaAmount; ?></i></p>
<form action="222.php?add=mocha" method="post">
<input type="submit" value="add mocha">
<input type="hidden" name="espressoAmount" value="<?php echo
$espressoAmount; ?>"/>
<input type="hidden" name="cappuccinoAmount" value="<?php echo
$cappuccinoAmount; ?>"/>
<input type="hidden" name="latteAmount" value="<?php echo $latteAmount; ?>"/>
<input type="hidden" name="mochaAmount" value="<?php echo $mochaAmount; ?>"/>
</form>

```

```

<form action="222.php?minus=mocha" method="post">
<input type="submit" value="minus mocha" />
<input type="hidden" name="espressoAmount" value="<?php echo
$espressoAmount; ?>"/>
<input type="hidden" name="cappuccinoAmount" value="<?php echo
$cappuccinoAmount; ?>"/>
<input type="hidden" name="latteAmount" value="<?php echo $latteAmount; ?>"/>
<input type="hidden" name="mochaAmount" value="<?php echo $mochaAmount; ?>"/>
</form></th>
</tr>

```

```

<tr>
<td>

</td>
<td>

</td>
<td>

</td>
<td>

</td>
</tr>
</table>

```

```

<b>&nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; <font color="#01DF01">Total
Amount: <?php echo $totalAmount; ?></font></b>

```

```

<form method="post" action="payment.php">
<b> &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; <table cellpadding="10"
cellpadding="20"></b>
    <input type= "hidden" name= "nameA" value = "<?php echo $totalAmount; ?>"/>
    <input type= "hidden" name= "nameEspresso" value = "<?php echo
$espressoAmount;?>"/>
    <input type= "hidden" name= "nameCappuccino" value = "<?php echo
$cappuccinoAmount;?>"/>
    <input type= "hidden" name= "nameLatte" value = "<?php echo $latteAmount; ?>"/>
    <input type= "hidden" name= "nameMocha" value = "<?php echo
$mochaAmount; ?>"/>

    <input type= "submit" value ="pay now" />
</form>
</body>
</html>

```

#### 4.payment.php

```

<html>
<body>
<center>
<table border = "5">

<thead>
    <tr>
        <th rowspan = "5">
            <img src = "starbucks-logo.png" width="205"
            height = "250" alt = "Starbucks" />
        </th>

        <th colspan = "2">
            <h1>Receipt</h1>
            <p>
                <script type="text/javascript">
var today = new Date();
var date = today.getDate();
var day = today.getDay();
var month = today.getMonth();
var year = today.getFullYear();
document.write(year+"-"+month+"-"+date+"<br />");
</script>

            </th>
        </tr>

```

[illegible]

```
echo " $b &nbsp; USD.";
```

```
?>
```

```
</th>
```

```
</tr>
```

```
<tr>
```

```
<th>Tax
```

```
<?php
```

```
$b = $_POST['nameA'];
```

```
$tax = $b*0.09;
```

```
$tax1= round($tax, 2);
```

```
echo "$tax1&nbsp;&nbsp; USD";
```

```
?>
```

```
</th>
```

```
</tr>
```

```
<tr>
```

```
<th>Total
```

```
<?php
```

```
$b = $_POST['nameA'];
```

```
$total = $tax1+$b;
```

```
echo "$total &nbsp;&nbsp; USD";
```

```
?>
```

```
</th>
```

```
</tr>
```

```
</table>
```

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

```
<button onclick="myFunction1()">Credit card</button>
```

```
<button onclick="myFunction2()">Cash</button>
```

```
<script>
```

```
function myFunction1()
```

```
{
```

```
alert("Please swipe your card on the machine");
```

```

}
</script>

<script>
function myFunction2()
{
alert("Cash box opening");
}
</script>

<p>
<!--</p>
-->
<br>

<a href = "ThankYou.php"> Payment accomplished <a>
<br>
</center>
</body>

```

```

</html>

```

### 5.Thankyou.php

```

<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<title>Thank you for coming by Starbucks </title>
</head>

<body bgcolor="green">
  <h1 style="font-size: 30pt; color: yellow;text-align:center"> Thank you for coming by
  Starbucks </h1>
  <br></br>
  <p style="font-size: 20pt; color: deepskyblue;text-align:center"> Happy working
  everyday.
  </p>

  <p>
  <div style="text-align:center;">
  </p>
</div>

```



<p style="font-size:10;color:yellow"> </p><a href = "Starbucks.html">Back to the  
Home Page</a>

</body>

</html>