



SUJAL Kulshrestha

Section :- P (P2) Roll No :- 47

POINTS CLEARED

- ✓ Develop a web application using HTML and PHP to display a food menu form to choose the food items to be ordered.
- ✓ Generate the bill with the user chosen food and sum all items from the given food list.
- ✓ Discount @10% is allowed if the bill amount exceeds Rs. 1000.

MODULE LEARNED

- Usage of array in PHP.
- Usage of Sessions in PHP.
- Usage of `array_combine()` to traverse two array at same time.
- Usage of hidden type input tag for storing data.

EXPLANATION

OK So !!

Here I created a menu with a simple background and a `<div>` tag. In `<div>`, I created a table which have the menu content, the menu content food and amount will be present in the form of array (two different individual array) after that I used a checkbox to verify that whether the item is in the cart or not if the item is in cart the checkbox is checked and if it is not the checkbox is unchecked now if a checkbox is ticked value of quantity would be activated, it is set to disabled (by default), user can also decide its quantity by increasing or decreasing the quantity amount.

I applied a little bit of CSS to make sure its presentation is good and JavaScript to validate that when the checkbox is checked the quantity option is enabled.

I used PHP session variable to send data to the next page where we display the total amount multiplied by the quantity and discount if the user has purchased over 1000 rupees, I also used PHP to calculate the amount by arithmetic operations.

The Bill Contains the selected items Amount multiplied by the selected quantity, which I picked by created each input Qty. by name='Q_(Food_Item)'.

HTML INPUT CODE (index.php)

```
<?php
$Food=[ 'Rajma', 'BBQ', 'Pizza' ];
$Amt=[100,300,300];
session_start();
$_SESSION['Food'] = $Food;
$_SESSION['Amt'] = $Amt;
?>
<html>
  <head>
    <title>
      Menu
    </title>
    <link rel='stylesheet' href='Style.css'>
    <script type="text/javascript" src='Setup.js'></script>
  </head>
  <body background="Back.jpeg">
    <center>
      <form name="F1" method="POST" action="Bill.php">
        <div>
          <table>
            <caption>Menu</caption>
            <tr>
              <th>
                Food
              </th>
              <th>
                Amount
              </th>
              <th>
                Qty
              </th>
              <th></th>
            </tr>
            <?php
              foreach (array_combine($Food,$Amt) as $i => $j){
                echo"<tr><td>$i</td><td>₹$j</td><td><input
class='Q' type='number' value=0 name='Q_$i' id='Q_$i' disabled></td><td><input
class='C' type='checkbox' onclick='ChkQty(this)' name='$i'><input type='hidden'
value='off' id='C_$i' name='C_$i'></td></tr>";
              }
            ?>
          <tr>
            <td colspan="4">
              <input class='submit' value='Order'
type="submit">
            </td>
```

```
        </tr>
      </table>
    <br/>
  </div>
</form>
</center>
</body>
</html>
```

CSS INPUT CODE (Style.php)

```
div{
    background-image: URL("Menu.jpeg");
    background-size: cover;
    width: 48%;
    border-radius: 20px;
    box-shadow: 5px 5px 5px black;
}
table{
    margin-top: 15%;
    margin-right: -20%;
    border-radius: 25px;
    background-color: #FFFFFFCC;
    height:390px;
    width: 458px;
    box-shadow: 5px 5px 5px black;
}
th{
    text-decoration: underline;
}
td,th{
    text-align: center;
    padding: 25px;
    font-size: 20px;
    color:black;
}
td.C{
    padding:0px;
}
input.Q{
    text-align: center;
    width:40px;
}
input::-webkit-outer-spin-button,
input::-webkit-inner-spin-button{
    -webkit-appearance: none;
    margin: 0;
}
input[type=number]{
    -moz-appearance: textfield;
}
caption{
    color:white;
    font-weight: bold;
    font-size: 30px;
    text-shadow: 5px 5px 5px black;
}
```

```
input.submit{
  font-size:20px;
  text-shadow: 2px 2px 2px black;
  padding:10px;
  font-family:Verdana, Geneva, Tahoma, sans-serif;
  width:150px;
  color:white;
  background-color:blue;
  border:5px solid transparent;
  font-weight: bold;
  border-radius:15px;
  transition-duration:0.5s;
  box-shadow: 5px 5px 5px black;
}
input.submit:hover{
  color:blue;
  background-color:white;
  text-shadow: none;
  border: 5px solid blue;
  transition-duration:0.5s;
}
input.submit:active{
  background-color: black;
  transition-duration: 0.5s;
}
```

JAVASCRIPT INPUT CODE (Style.js)

```
function ChkQty(Chk){
  QName = "Q_"+Chk.name;
  CName = "C_"+Chk.name;
  if (Chk.checked){
    document.getElementById(QName).disabled = false;
    document.getElementById(QName).value=1;
    document.getElementById(CName).value="on";
  }
  else {
    document.getElementById(QName).disabled = true;
    document.getElementById(QName).value=0;
    document.getElementById(CName).value="off";
  }
}
```

HTML INPUT CODE (Bill.php)

[illegible]

```

        <th></th>
        <th>
            Qty
        </th>
        <th></th>
        <th>
            Amount
        </th>
    </tr>
    <?php
        $Disc = 0;
        $Sum = 0;
        foreach ($Bill as $j){
            $Sum += $j[3];
            echo
            "<tr>
                <td>$j[0]</td>
                <td>₹$j[1]</td>
                <td>x</td>
                <td>$j[2]</td>
                <td>=</td>
                <td class='F'>₹$j[3]</td>
            </tr>";
        }
        if ($Sum > 1000){
            $Disc = $Sum*(0.1);
            $Sum = $Sum - ($Disc);
        }
        echo
        "<tr>
            <td class='A' colspan='3'>Discount : ₹$Disc</td>
            <td class='A' colspan='3'>Total : ₹$Sum</td>
        </tr>
        ";
    ?>
</table>
</center>
</body>
</html>
<?php
    session_destroy();
?>

```

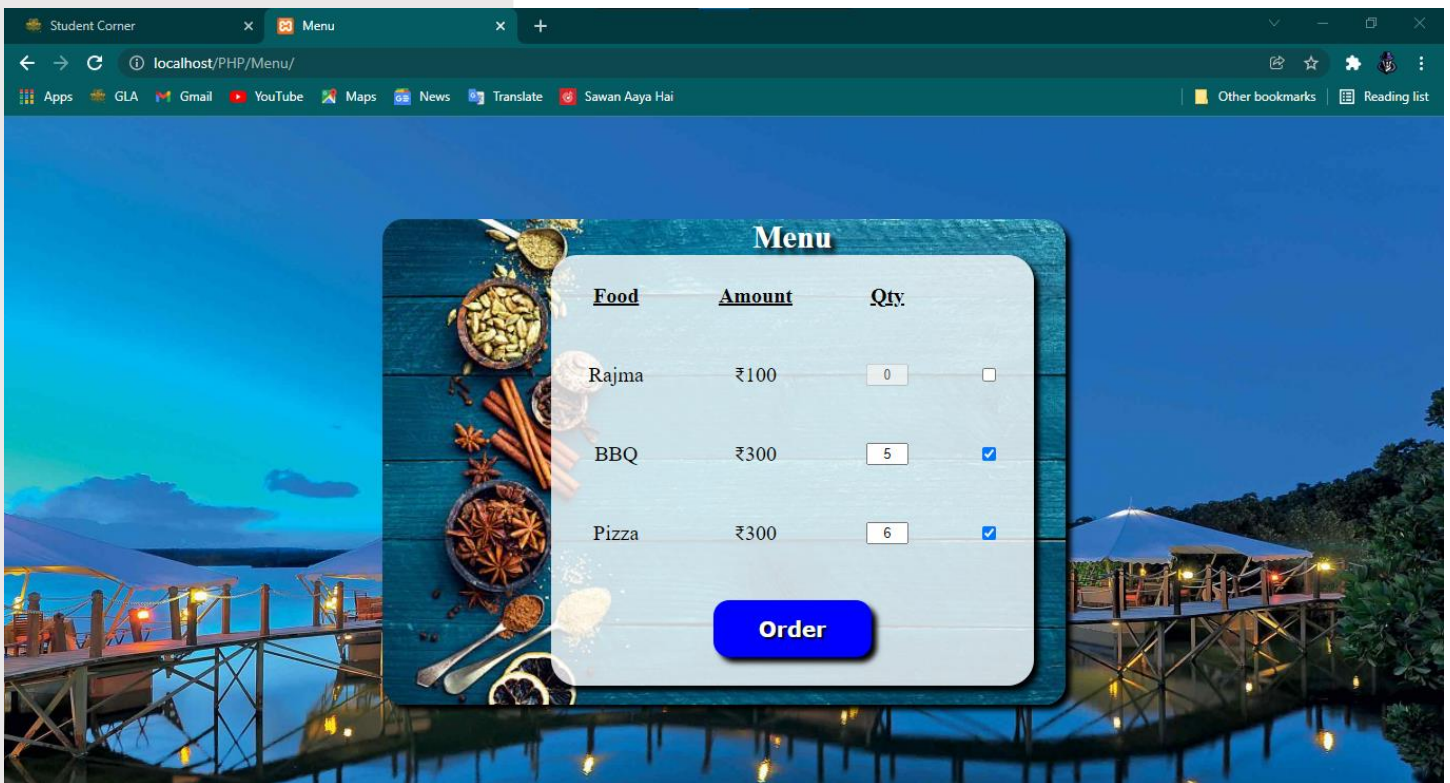
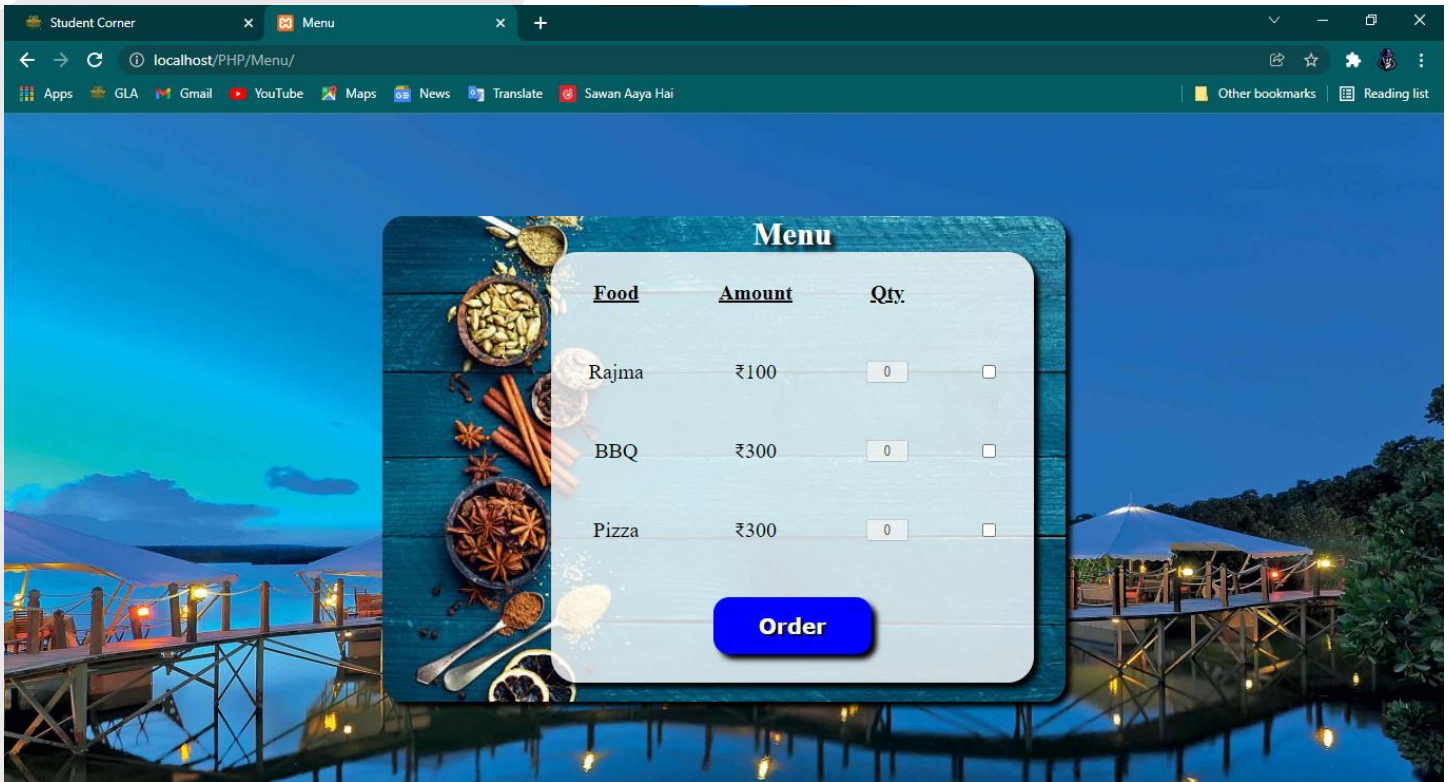

CSS INPUT CODE (BStyle.css)

```
caption{
  font-weight: bold;
  font-size: 30px;
  color:white;
  text-shadow: 5px 5px 5px black;
}
table{
  border: 2px solid black;
  border-spacing: 0px;
  box-shadow: 5px 5px 5px black;
  background-color: white;
}
th{
  text-decoration: underline;
  border-bottom: 2px solid black;
}
th,td{
  padding: 15px;
  text-align: center;
  font-weight: bold;
}
td{
  border-right: 1px solid black;
}
td.A{
  border-top: 2px solid black;
  border-right: none;
}
td.F{
  border-right: none;
}
```

ATTACHED IMAGE



OUTPUT



Student Corner

Bill

localhost/PHP/Menu/Bill.php

AppsGLAGmailYouTubeMapsNewsTranslateSawan Aaya Hai

Other bookmarksReading list

Bill

Food Type	Price	Qty			Amount
BBQ	₹300	x	5	=	₹1500
Pizza	₹300	x	6	=	₹1800
Discount : ₹330		Total : ₹2970			