

## PROGRAMME-13

Aim:

---

Compose electricity bill from user input based on given tariff using php

Source Code:

---

bill.php

---

```
<html>
<head>
  <title>form</title>
</head>

<center>
<body bgcolor="skyblue">
<br>
<br>
<h1><u>ELECTRCITY BILL</u></h3>
<form action=" method="POST">
<table>
  <tr>
    <td> Name</td>
    <td> <input type="text" id="name" name="name"></td>
  </tr>
  <tr>
    <td> Consumer Number</td>
    <td>
<input type="number" name="consumer" >
    </td>
  </tr>
  <tr>
    <td> Unit used</td>
    <td>
<input type="number" name="unit" >
    </td>
  </tr>
</table>
<br>
<input type="submit" value="Check bill" name="submit" style="background:green;color:white">

<h3 style="color:red"></h3>
<h3 style="color:green"></h3>
</form>

<?php
$a="<h3 style='color:red'>";
$b="<h3 style='color:green'>";
```

```
$c="</h3>";
if(isset($_POST["submit"]))
{
$name=$_POST["name"];
if($name==NULL)
{
    echo "$a Name can not be Empty $c";
    exit;
}
else
{
    if(!preg_match("[a-zA-Z]", $name))
    {
        echo "$a Only characters and white space allowed in names $b";
        exit;
    }
}
}

$consumer=$_POST["consumer"];
if($consumer==NULL)
{
    echo "$a Consumer number cannot be empty $c";
    exit;
}
else
{
    if(mb_strlen($consumer)!=10)
    {
        echo "$a consumer number must contain 10 digit only $b";
        exit;
    }
}

$unit=$_POST["unit"];
if($unit==NULL)
{
    echo "$a Enter unit used $c";
    exit;
}
else
{
    if($unit<=100)
        $amount=3*$unit;
    elseif($unit<=200)
        $amount=4*$unit;
    elseif($unit<=300)
        $amount=5*$unit;
    else
        $amount=6*$unit;
}
```

```

$m=$a.'Payment server offline....'.$c;
$t= "<h4> <u>BILL</u></h4><table id='bill' border='0px' width='20%' height='10%'> <tr><th
class='h'>Name</th><th class='h'>Unit</th><th class='h'>Amount</th></tr>";
echo "$t <tr><th>$name</th><th>$unit</th><th>$amount</th></tr>";
echo "<tr><th colspan='3' class='t'>total\t:$amount</th></tr></table>";

}

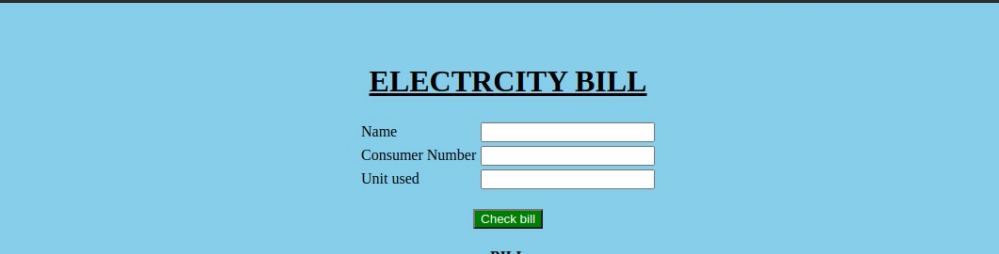
?>
</center>
</body>
</html>

```

Output:

---

The screenshot shows a web browser window with the title 'form'. The address bar displays 'localhost/MCA\_lab/pgm\_13/electricityx20bill.php'. The main content area has a light blue background. At the top center, the text 'ELECTRCITY BILL' is displayed in a bold, black, serif font. Below this, there are three input fields arranged vertically. The first field is labeled 'Name' and contains the text 'samuel johnson'. The second field is labeled 'Consumer Number' and contains the text '1524623512'. The third field is labeled 'Unit used' and contains the text '158'. Below these fields is a green button with the text 'Check bill' in white. The browser window also shows several tabs, including 'form' and 'MCA/electricity\_bill.php'.



The screenshot shows a web browser window with the address bar displaying 'localhost/MCA\_lab/pgm\_13/electricityx2obill.php'. The page has a light blue background. At the top center, the title 'ELECTRCITY BILL' is written in a large, bold, black, underlined font. Below the title, there are three input fields stacked vertically, labeled 'Name', 'Consumer Number', and 'Unit used' to their left. A green button with the text 'Check bill' is positioned below the input fields. Underneath the button, the word 'BILL' is centered in a bold, black, underlined font. Below 'BILL', there is a table with three columns: 'Name', 'Unit', and 'Amount'. The table contains one row of data: 'samuel johnson', '158', and '632'. Below the table, the text 'total :632' is displayed in a bold, black font.

Name	Unit	Amount
samuel johnson	158	632

total :632