

## PROGRAMME-13

Aim:

---

Compose electricity bill from user input based on a given tariff using PHP

Source Code:

---

electricity\_bill.php

---

```
<html>

<head>
  <title>form</title>
  <link rel="preconnect" href="https://fonts.gstatic.com">
    <link href="https://fonts.googleapis.com/css2?family=Akaya+Telivigala&display=swap"
rel="stylesheet">
  <style>
    * {
      box-sizing: border-box;
    }

    .container {
      display: block;
      margin-top: 10em;
      margin: auto;
      width: 50%;
      border: 1px solid black;
      box-shadow: rgba(0, 0, 0, 0.25) 0px 14px 28px, rgba(0, 0, 0, 0.22) 0px 10px 10px;
      padding: 1em;
    }

    .content {
      margin: auto;
      width: 80%;
    }

    table {
      margin: auto;
      width: 100%;
    }

    h1 {
      color: #6D7781;
      font-family: 'Akaya Telivigala', cursive;
      text-align: center;
    }
```

```
input {
  padding: 5px 10px 5px 10px;
  height: 2em;
  border-radius: 5px;
  border: 1px solid #858f99;
}
```

```
input[type="submit"] {
  margin-top: 4em;
  width: 9em;
  height: 2.5em;
  text-align: center;
  background-color: #1FCE6D;
  cursor: pointer;
  color: #2E3740;
}
```

```
label {
  font-family: 'Akaya Telivigala', cursive;
  width: 40%;
  text-align: right;
}
```

```
input[type="text"],
input[type="password"],
input[type="email"],
input[type="number"],
textarea,
select {
  width: 60%;
}
```

```
form {
  margin-top: 1em;
}
```

```
.bill {
  position: relative;
  margin-top: 5em;
  margin: auto;
  width: 50%;
  border: 1px solid black;
  box-shadow: rgba(0, 0, 0, 0.25) 0px 14px 28px, rgba(0, 0, 0, 0.22) 0px 10px 10px;
  padding: 1em;
}
```

</style>

</head>

<center>

<body>

<div class="container">

```

<h1>ELECTRICITY BILL</h1>
<div id="error" style="color:#e25e5e;" align="center"></div>
<div class="content">
    <form 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>
    </div>
    <div class="row">
        <input type="submit" value="Check bill" name="bill" style=" margin:1em 0 0 10px;">
    </div>
</form>
</div>
</div>
<div class="bill" id="bill" style="display:none;">
    <h1>BILL</h1>
    <p id="data"></p>
</div>
<?php
$a = "<h3 style='color:red'>";
$b = "<h3 style='color:green'>";
$c = "</h3>";
if (isset($_POST["bill"])) {
    $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;
$t = "<div class='bill' id='bill' style='margin-top:2em;'>
<h1>BILL</h1>";
        echo "$t <table align='center' cellpadding='3em' style='margin:auto;width:40%'>
<tr><td>Name</td><td>Unit</td></tr>";
        echo "<tr><td>$name</td><td>$unit</td></tr>";
                                echo "    <tr><td    colspan='2'    align='center'
style='color:red;'>Total\t:$amount</td></tr></table>";
    }

    ?>
</body>

</html>

```

Output:

form

form

MCA/electricity\_bill.php

+

localhost/MCA\_lab/pgm\_13/Electricity\_bill\_jazz.php

ELECTRICITY BILL

Name

Consumer Number

Unit used

samuel jazz

1234567894

252

Check bill

form

form

MCA/electricity\_bill.php

+

localhost/MCA\_lab/pgm\_13/Electricity\_bill\_jazz.php

ELECTRICITY BILL

Name

Consumer Number

Unit used

Check bill

BILL

Name

Unit

samuel jazz

252

Total :1260