

**PROGRAMME 13:** Compose electricity bill from user input based on a given tariff using PHP

### Electricbill.html

```
<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%;
    }
    .row {
        margin-top: 0.5em;
    }
    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



