

File name-index.php

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Power Consumption Calculator</title>
```

```
<style>
```

```
body {  
    background-color: darkblue;  
}
```

```
.row {  
    display: flex;  
    width: 100%;  
    flex-wrap: wrap;  
    align-items: center;  
}
```

```
.row::after {  
    display: table;  
    clear: both;  
    content: "";  
}
```

```
.col-1 {  
    width: 8.33%;  
}
```

```
.col-2 {  
    width: 16.66%;  
}
```

```
.col-3 {  
    width: 25%;  
}
```

```
.col-4 {  
    width: 33.33%;  
}
```

```
.col-5 {  
    width: 41.66%;  
}
```

```
.col-6 {  
    width: 50%;  
}
```

```
.col-7 {  
    width: 58.33%;
```

```
}

.col-8 {
    width: 66.66%;
}

.col-9 {
    width: 75%;
}

.col-10 {
    width: 83.33%;
}

.col-11 {
    width: 91.66%;
}

.col-12 {
    width: 100%;
}

* {
    box-sizing: border-box;
    padding: 0;
    margin: 0;
}

.maincontainer {
    background-color: white;
    height: 400px;
    width: 1000px;
    margin-left: auto;
    margin-right: auto;
    margin-top: 100px;
    border-radius: 20px;
}

.introtag {
    text-align: center;
    font-family: cursive;
    font-size: 50px;
    color: blue;
}

.i1{
    height: 50px;
    width: 350px;
    border-radius: 20px;
    font-size: 20px;
    font-family: sans-serif;
    color: black;
```

```

        font-style: italic;
    }
    .btn1{
        background-color: red;
        color: whitesmoke;
        height: 50px;
        width: 80px;
        border-radius: 5px;
        font-size: 20px;
        text-align: center;
        font-family: serif;
    }
    .result{
        font-size: 30px;
        font-style: italic;

    }
    .myintrocol{
        text-align: center;
        margin-top: 200px;
        color: whitesmoke;
        font-family: cursive;
        font-style: italic;
    }
</style>
</head>

<?php
$result_str = $result = '';
if (isset($_POST['unit-submit'])) {
    $units = $_POST['units'];
    if (!empty($units)) {
        $result = calculate_bill($units);
        $result_str = 'Total bill of ' . $units . ' Units - ' . $result. 'Rupees';
    }
}
function calculate_bill($unit) {
    $unit_cost_c1 = 3.30;
    $unit_cost_c2 = 4.00;
    $unit_cost_c3 = 5.25;
    $unit_cost_c4 = 6.25;

    if($unit>=1 && $unit <= 100) {
        $bill = $unit * $unit_cost_c1;
    }
    else if($unit > 100 && $unit <= 200) {
        $temp = 100 * $unit_cost_c1;
        $rem = $unit - 100;
        $bill = $temp + ($rem * $unit_cost_c2);
    }
    else if($unit > 200 && $unit <= 300) {

```

```

    $temp = (100 * 3.30) + (100 * $unit_cost_c2);
    $rem = $unit - 200;
    $bill = $temp + ($rem * $unit_cost_c3);
}
else {
    $temp = (100 * 3.30) + (100 * $unit_cost_c2) + (100 * $unit_cost_c3);
    $rem = $unit - 300;
    $bill = $temp + ($rem * $unit_cost_c4);
}
return number_format((float)$bill, 2, '.', '');
}

?>

<body>
<div class="row maincontainer">
<div class="col-12">
<div class="row">
<div class="col-6">
<h1 class="introtag">power<br> consumption <br>calculator</h1>
</div>
<div class="col-6">
<div id="page-wrap">
<form action="" method="post" id="quiz-form">
<input class="i1" type="number" name="units" id="units" placeholder="Please enter
no. of Units" />
<input class="btn1" type="submit" name="unit-submit" id="unit-submit"
value="Submit" />
</form>

<div class="result">
<?php echo '<br />' . $result_str; ?>
</div>
</div>
</div>
</div>
</div>
<div class="row">
<div class="col-12 myintrocol">
<h1>Designed by Vishal Jain<br>Section-k<br>Roll no.-69<br>Course-B.Tech<br>Year-
3rd</h1>
</div>
</div>
</body>

</html>

```

power
consumption
calculator

226

Total bill of 226 Units - 866.50Rupees

Designed by Vishal Jain
Section-k
Roll no. -69
Course -B.Tech
Year-3rd