

```
<!DOCTYPE html>
```

```
<head>
```

```
    <title>PHP - Calculate Electricity Bill</title>
```

```
</head>
```

```
<?php
```

```
$result_str = $result = "";
```

```
if (isset($_POST['unit-submit'])) {
```

```
    $units = $_POST['units'];
```

```
    if (!empty($units)) {
```

```
        $result = calculate_bill($units);
```

```
        $result_str = 'Total amount of ' . $units . ' - ' . $result;
```

```
    }
```

```
}
```

```
/**
```

```
 * To calculate electricity bill as per unit cost
```

```
 */
```

```
function calculate_bill($units) {
```

```
    $unit_cost_first = 3.50;
```

```
    $unit_cost_second = 4.00;
```

```
    $unit_cost_third = 5.20;
```

```
    $unit_cost_fourth = 6.50;
```

```
    if($units <= 50) {
```

```

        $bill = $units * $unit_cost_first;
    }
    else if($units > 50 && $units <= 100) {
        $temp = 50 * $unit_cost_first;
        $remaining_units = $units - 50;
        $bill = $temp + ($remaining_units * $unit_cost_second);
    }
    else if($units > 100 && $units <= 200) {
        $temp = (50 * 3.5) + (100 * $unit_cost_second);
        $remaining_units = $units - 150;
        $bill = $temp + ($remaining_units * $unit_cost_third);
    }
    else {
        $temp = (50 * 3.5) + (100 * $unit_cost_second) + (100 * $unit_cost_third);
        $remaining_units = $units - 250;
        $bill = $temp + ($remaining_units * $unit_cost_fourth);
    }
    return number_format((float)$bill, 2, '.', '');
}

?>

```

<body>

<div id="page-wrap">

<h1>Php - Calculate Electricity Bill</h1>

```
<form action="" method="post" id="quiz-form">
<input type="number" name="units" id="units" placeholder="Please enter no. of Units" />
<input type="submit" name="unit-submit" id="unit-submit" value="Submit" />
</form>

<div>
    <?php echo '<br />' . $result_str; ?>
</div>
</div>
</body>
</html>
```