

2)Electricity bill

Compose electricity bill form user input based on a given tariff using php

Ans:

```
<!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">
```

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

```
    <body bgcolor="green">
```

```
</center>
```

```
<form action="" method="post" id="quiz-form">
```

```
<center><input type="number" name="units" id="units" placeholder="Please enter no. of Units"
/></center>
```

```
<center><input type="submit" name="unit-submit" id="unit-submit" value="Submit"
/></center>
```

```
</form>
```

```
</center>
```

```
<div>
```

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

```
</div>
```

```
</div>
```

```
</tr>
```

```
</table>
```

```
</body>
```

```
</html>
```

OUTPUT

