2)Electricity bill

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

Program:

```
<!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;
```

```php
}
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="cyan">
</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