



INT-301

OPEN SOURCE TECHNOLOGIES

BYOD ASSIGNMENT

ELECTRICITY BILL FOR THE NO. OF UNITS

1.FOR FIRST 50 UNITS IT WILL CHARGE-9 RS

2.FOR NEXT 50 UNITS IT WILL CHARGE-12 RS

3.FOR ABOVE IT WILL CHARGE-15 RS

Submitted by:- SUKHPAL SINGH

Registration No. :-11607219

Roll No. :- 50

Lines Of Code

```
<!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;
```

```
    }
```

```
}
```

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

```
    $unit_cost_first = 9.00;
```

```
    $unit_cost_second = 12.00;
```

```
    $unit_cost_third = 15.00;
```

```
    $unit_cost_fourth = 20.00;
```

```
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 * 9.00) + (100 * $unit_cost_second);  
    $remaining_units = $units - 150;  
    $bill = $temp + ($remaining_units * $unit_cost_third);  
}  
else {  
    $temp = (50 * 9.00) + (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>
```

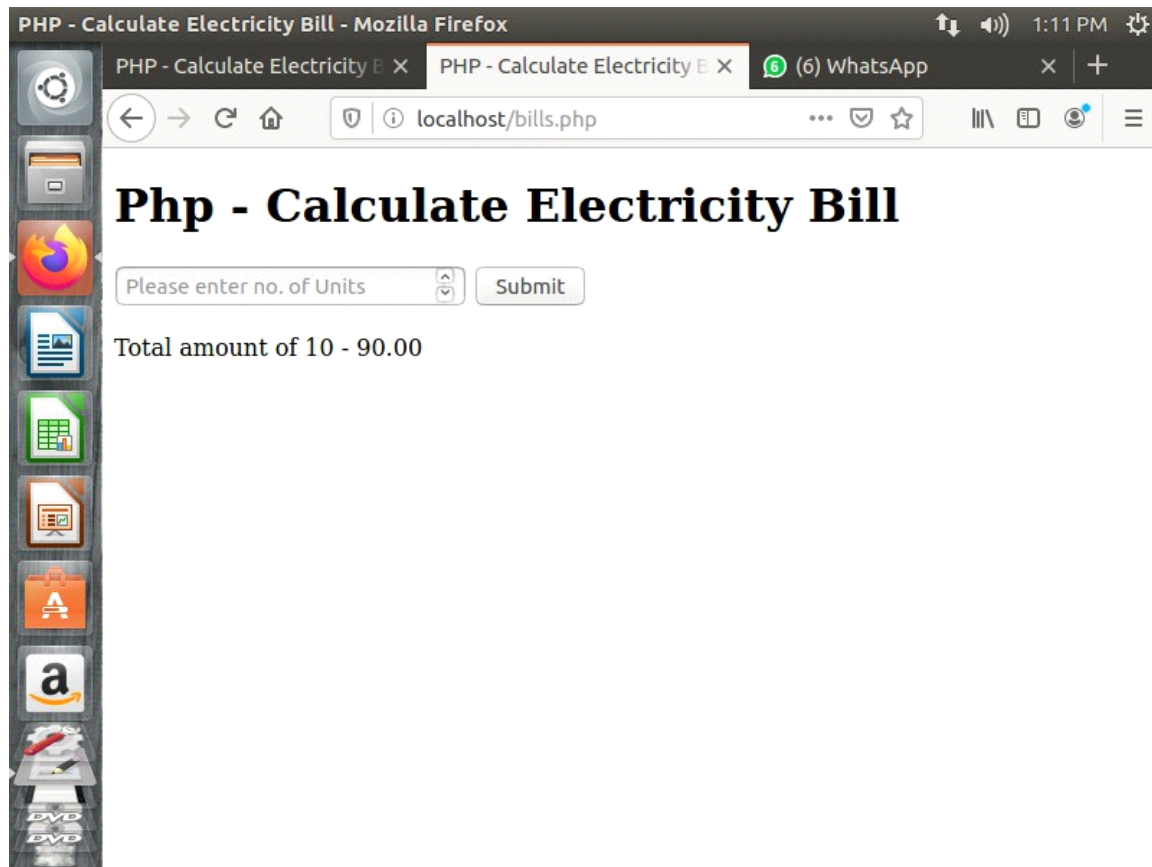
```
</div>
```

```
</body>
```

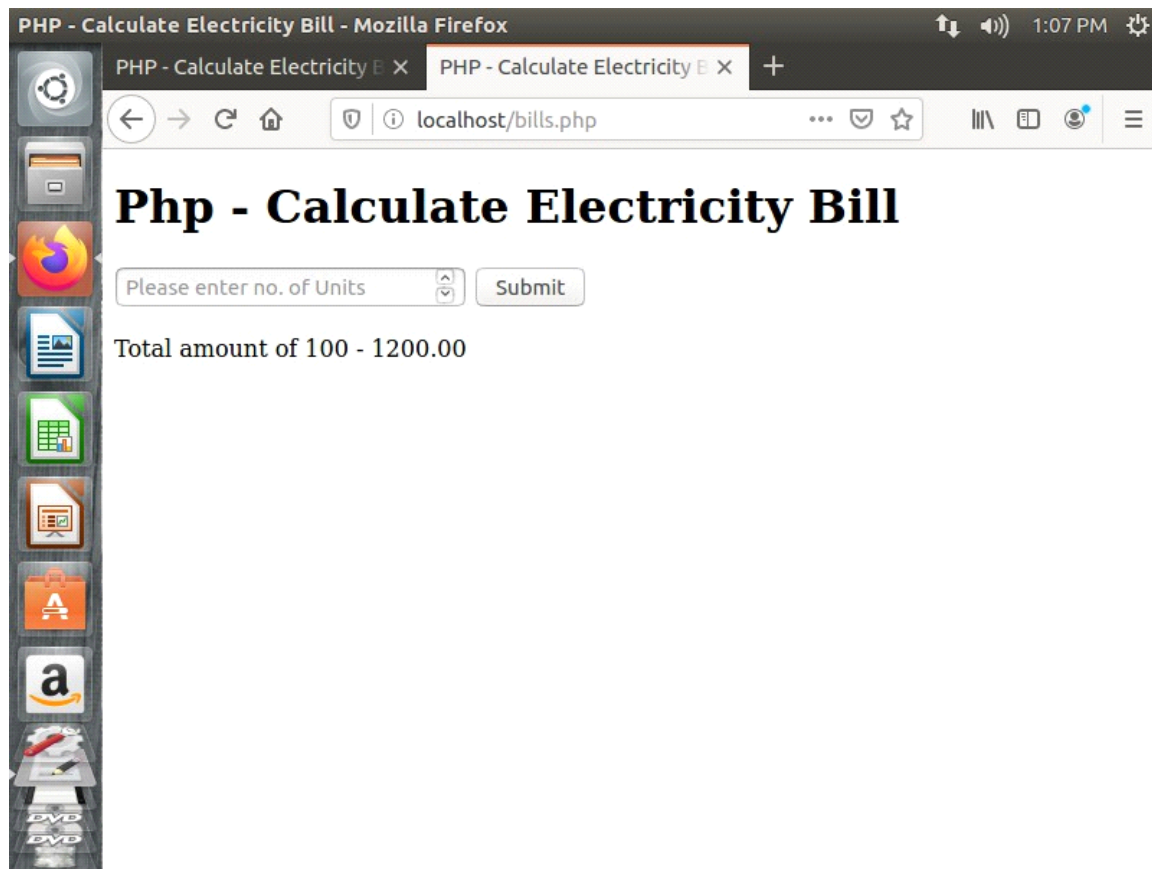
```
</html>
```

Output Of The Program

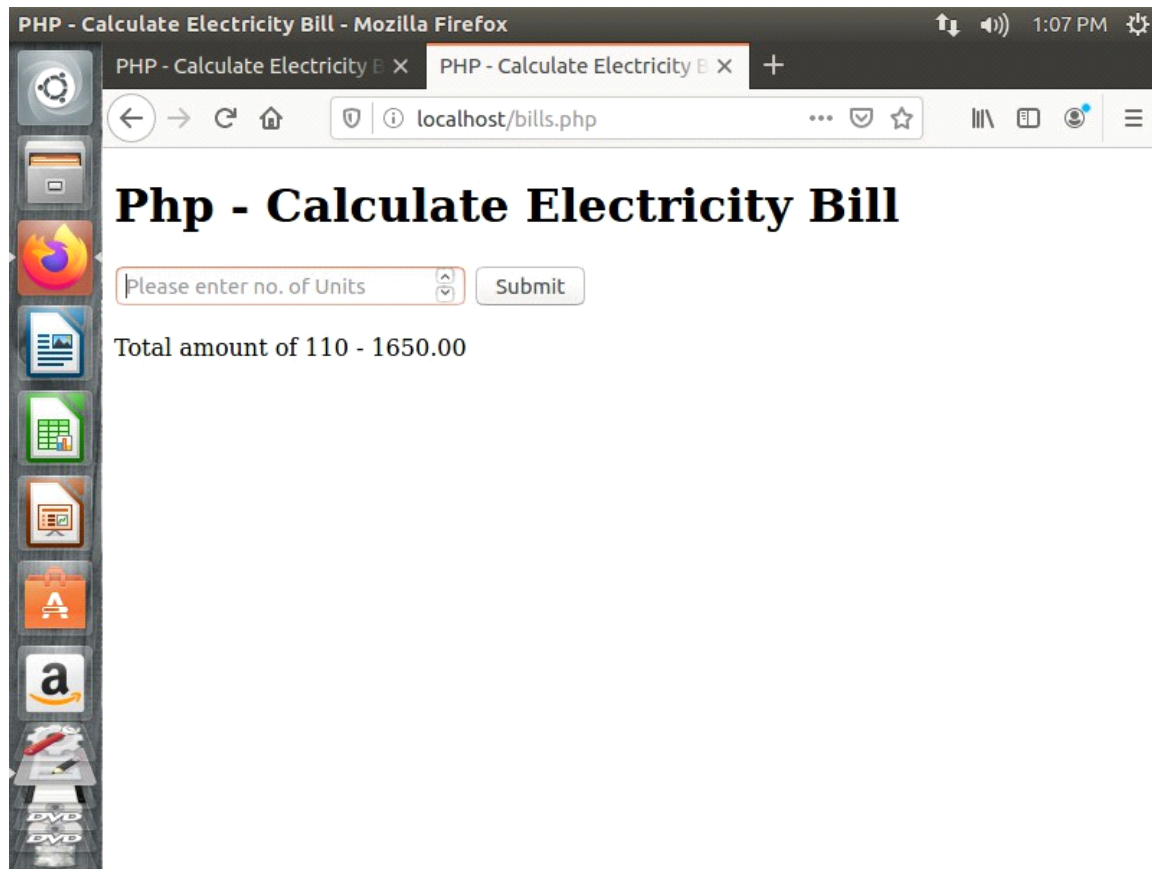
1.For First 50 Units:- 9 RS



2.For Next 50 Units:- 12 RS



3.For Above Units:- 15 RS



Images Of Source Code

*bills.php (/var/www/html) - gedit

Open Save

```
<!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;
    }
}

function calculate_bill($units) {
    $unit_cost_first = 9.00;
    $unit_cost_second = 12.00;
    $unit_cost_third = 15.00;
    $unit_cost_fourth = 16.50;

    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) {
```

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bill.php (/var/www/html) - gedit

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```
}  
}  
function calculate_bill($units) {  
    $unit_cost_first = 9.00;  
    $unit_cost_second = 12.00;  
    $unit_cost_third = 15.00;  
    $unit_cost_fourth = 16.50;  
  
    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 * 9.00) + (100 * $unit_cost_second);  
        $remaining_units = $units - 150;  
        $bill = $temp + ($remaining_units * $unit_cost_third);  
    }  
    else {  
        $temp = (50 * 9.00) + (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, '.', '');  
}
```

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```

bills.php (/var/www/html) - gedit
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1:04 PM

    $bill = $temp + ($remaining_units * $unit_cost_third);
}
else {
    $temp = (50 * 9.00) + (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>

PHP Tab Width: 8 Ln 45, Col 4 INS
```