

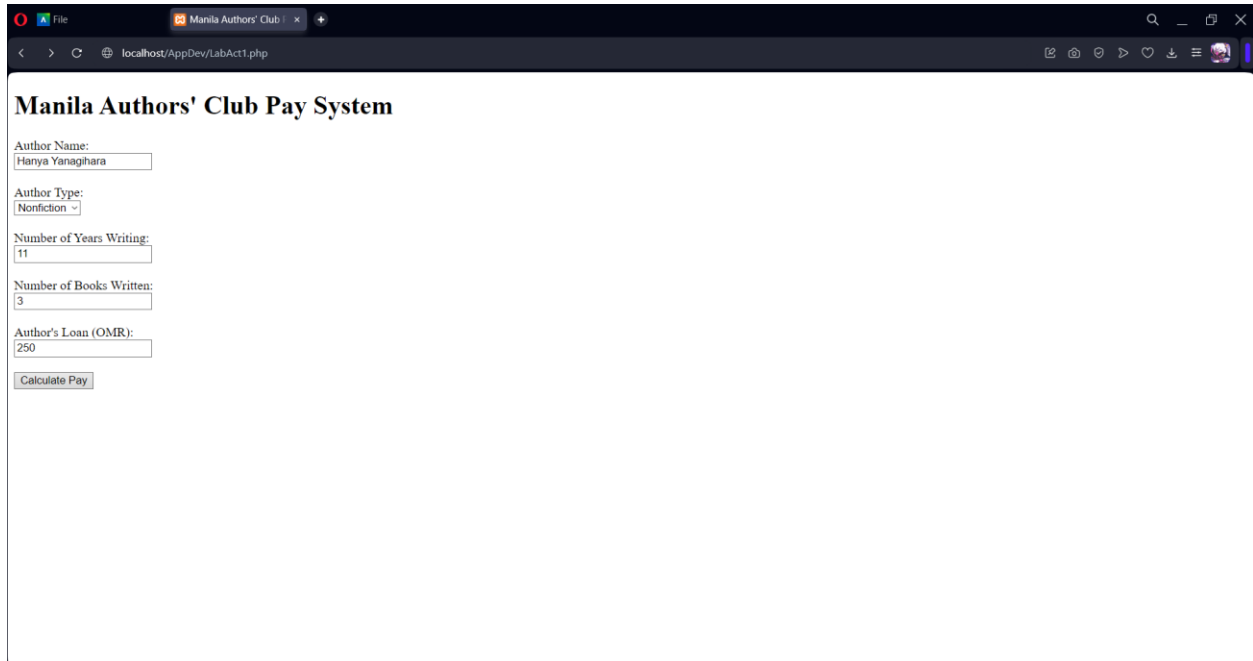
CODE:

```
AppDev > LabAct1.php
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Manila Authors' Club Pay System</title>
7 </head>
8 <body>
9     <h1>Manila Authors' Club Pay System</h1>
10    <form method="post">
11        <label for="author_name">Author Name:</label><br>
12        <input type="text" id="author_name" name="author_name" required><br><br>
13
14        <label for="author_type">Author Type:</label><br>
15        <select id="author_type" name="author_type" required>
16            <option value="Fiction">Fiction</option>
17            <option value="Nonfiction">Nonfiction</option>
18        </select><br><br>
19
20        <label for="years_writing">Number of Years Writing:</label><br>
21        <input type="number" id="years_writing" name="years_writing" required><br><br>
22
23        <label for="books_written">Number of Books Written:</label><br>
24        <input type="number" id="books_written" name="books_written" required><br><br>
25
26        <label for="loan">Author's Loan (OMR)</label><br>
27        <input type="number" id="loan" name="loan" required><br><br>
28
29        <input type="submit" value="Calculate Pay">
30    </form>
31
32    <?php
33    if ($_SERVER["REQUEST_METHOD"] == "POST") {
34        // Get form data
35        $author_name = $_POST['author_name'];
36        $author_type = $_POST['author_type'];
37        $years_writing = (int)$_POST['years_writing'];
```

```
38        $books_written = (int)$_POST['books_written'];
39        $loan = (float)$_POST['loan'];
40
41        // Determine basic pay based on author type
42        $basic_pay = ($author_type == "Fiction") ? 100 : 250;
43
44        // Calculate current pay
45        $current_pay = $basic_pay * $books_written;
46
47        // Calculate royalty pay based on years writing
48        if ($years_writing < 5) {
49            $royalty_rate = 0.025;
50        } elseif ($years_writing < 12) {
51            $royalty_rate = 0.0525;
52        } elseif ($years_writing < 20) {
53            $royalty_rate = 0.07;
54        } elseif ($years_writing < 27) {
55            $royalty_rate = 0.085;
56        } elseif ($years_writing < 35) {
57            $royalty_rate = 0.09;
58        } else {
59            $royalty_rate = 0.1025;
60        }
61        $royalty_pay = $basic_pay * $royalty_rate;
62
63        // Calculate total pay and net pay
64        $total_pay = $current_pay + $royalty_pay;
65        $net_pay = $total_pay - $loan;
66
67        // Display the report
68        echo "<h2>Transaction Details</h2>";
69        echo "Author Name: " . $author_name . "<br>";
70        echo "Author Type: " . $author_type . "<br>";
71        echo "Number of Years Writing: " . $years_writing . "<br>";
72        echo "Number of Books Written: " . $books_written . "<br>";
```

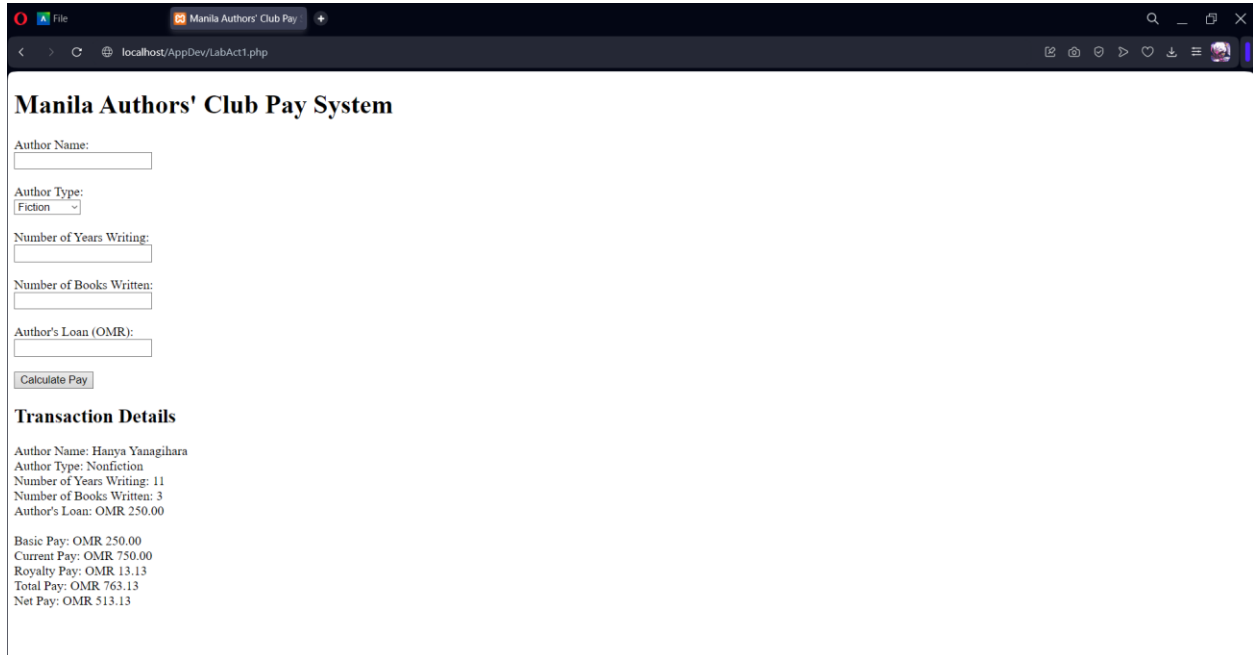
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73        echo "Author's Loan: OMR " . number_format($loan, 2) . "<br><br>";
74        echo "Basic Pay: OMR " . number_format($basic_pay, 2) . "<br>";
75        echo "Current Pay: OMR " . number_format($current_pay, 2) . "<br>";
76        echo "Royalty Pay: OMR " . number_format($royalty_pay, 2) . "<br>";
77        echo "Total Pay: OMR " . number_format($total_pay, 2) . "<br>";
78        echo "Net Pay: OMR " . number_format($net_pay, 2) . "<br>";
79    }
80    ?>
81 </body>
82 </html>
83
```

OUTPUT:



A screenshot of a web browser displaying a form titled "Manila Authors' Club Pay System". The form is located at the URL "localhost/AppDev/LabAct1.php". It contains several input fields for author information: "Author Name" (with the value "Hanya Yanagihara"), "Author Type" (a dropdown menu showing "Nonfiction"), "Number of Years Writing" (with the value "11"), "Number of Books Written" (with the value "3"), and "Author's Loan (OMR)" (with the value "250"). A "Calculate Pay" button is positioned below these fields.

OUTPUT when details are inputted:



A screenshot of the same web browser displaying the "Manila Authors' Club Pay System" form. The form fields are now empty. Below the form, a section titled "Transaction Details" displays the calculated results for the inputted data:

Transaction Details

Author Name: Hanya Yanagihara
Author Type: Nonfiction
Number of Years Writing: 11
Number of Books Written: 3
Author's Loan: OMR 250.00

Basic Pay: OMR 250.00
Current Pay: OMR 750.00
Royalty Pay: OMR 13.13
Total Pay: OMR 763.13
Net Pay: OMR 513.13