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Laboratory Activity 1

localhost:3000/AppDev/LabActivity1.php

Manila Author's Club

Author Pay System

Author Name	Ex. Jedrick Sabado
Author Type	Fiction
Years Writing	0.70
Books Written	1.99
Author's Loan(OMR)	Enter Value Required

Calculate PayReset

Manila Author's Club

Author Pay System

Author Name	Jedrick Sabado
Author Type	Fiction
Years Writing	25
Books Written	79
Author's Loan(OMR)	3290

Calculate PayReset

Author Pay Report

Author Name	Jedrick Sabado
Number of Years Writing	25
Number of Books Written	79
Author's Loan	3,290.00
Basic Pay	100.00
Current Pay	7,900.00
Royalty Pay	8.50
Total Pay	7,908.50
Net Pay	4,618.50

LabActivity1.php

AppDev > LabActivity1.php > html > body

```

1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <title>Author Pay System</title>
6  </head>
7  <body>
8  <?php
9
10
11
12      if ($_SERVER["REQUEST_METHOD"] == "POST") {
13
14          $author_name = htmlspecialchars($_POST['author_name']);
15          $author_type = $_POST['author_type'];
16          $years_writing = (int)$_POST['years_writing'];
17          $books_written = (int)$_POST['books_written'];
18          $loan = (float)$_POST['loan'];
19
20          $basic_pay = ($author_type == "Fiction") ? 100 : 250;
21
22          $current_pay = $basic_pay * $books_written;
23
24          if ($years_writing < 5) {
25              $royalty_rate = 0.025;
26          } elseif ($years_writing >= 5 && $years_writing < 12) {
27              $royalty_rate = 0.0525;
28          } elseif ($years_writing >= 12 && $years_writing < 20) {
29              $royalty_rate = 0.07;
30          } elseif ($years_writing >= 20 && $years_writing < 27) {
31              $royalty_rate = 0.085;
32          } elseif ($years_writing >= 27 && $years_writing < 35) {
33              $royalty_rate = 0.09;
34          } else {
35              $royalty_rate = 0.1025;
36          }
37          $royalty_pay = $basic_pay * $royalty_rate;
38
39          $total_pay = $current_pay + $royalty_pay;
40
41          $net_pay = $total_pay - $loan;
42      }
43  ?>
44
45  <center>

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45  <center>
46      <h1>Manila Author's Club</h1>
47      <h2>Author Pay System</h2>
48  </center>
49  <form action="LabActivity1.php" method="post">
50      <center>
51          <table border="1" style="border-collapse: collapse; padding: 10px;">
52              <tr>
53                  <th>Author Name</th>
54                  <td><input type="text" id="author_name" name="author_name" placeholder="Ex. Jedrick Sabado" required></td>
55              </tr>
56
57              <tr>
58                  <th>Author Type</th>
59                  <td>
60                      <select name="author_type" id="author_type" required>
61                          <option value="Fiction">Fiction</option>
62                          <option value="Non-Fiction">Non-Fiction</option>
63                      </select>
64                  </td>
65              </tr>
66
67              <tr>
68                  <th>Years Writing</th>
69                  <td><input type="number" id="years_writing" name="years_writing" min="0" max="70" placeholder="0-70" required></td>
70              </tr>
71
72              <tr>
73                  <th>Books Written</th>
74                  <td><input type="number" id="books_written" name="books_written" min="1" max="99" placeholder="1-99" required></td>
75              </tr>
76
77              <tr>
78                  <th>Author's Loan(OMR)</th>
79                  <td><input type="number" id="loan" name="loan" step="0.01" placeholder="Enter Value Required" required></td>
80              </tr>
81          </table>
82
83          <br><br><input type="submit" value="Calculate Pay" style="font-size: 16px; width: 150px; height: 30px">
84          <input type="submit" name="clear" value="Reset" style="font-size: 16px; width: 100px; height: 30px">
85      </center>
86  </form>

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87 </form>
88
89 <?php
90
91 if ($_SERVER["REQUEST_METHOD"] == "POST" && !isset($_POST['clear'])); ?>
92 <center><h2>Author Pay Report</h2>
93 <table border = "1">
94
95     <tr>
96         <th>Author Name</th>
97         <td><?php echo $author_name; ?></td>
98     </tr>
99
100     <tr>
101         <th>Number of Years Writing</th>
102         <td><?php echo $years_writing; ?></td>
103     </tr>
104
105     <tr>
106         <th>Number of Books Written</th>
107         <td><?php echo $books_written; ?></td>
108     </tr>
109
110     <tr>
111         <th>Author's Loan</th>
112         <td><?php echo number_format($loan, 2); ?></td>
113     </tr>
114
115     <tr>
116         <th>Basic Pay</th>
117         <td><?php echo number_format($basic_pay, 2) ?></td>
118     </tr>
119
120     <tr>
121         <th>Current Pay</th>
122         <td><?php echo number_format($current_pay, 2) ?></td>
123     </tr>
124
125     <tr>
126         <th>Royalty Pay</th>
127         <td><?php echo number_format($royalty_pay, 2) ?></td>
128     </tr>
129

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111     <th>Author's Loan</th>
112     <td><?php echo number_format($loan, 2); ?></td>
113 </tr>
114
115     <tr>
116         <th>Basic Pay</th>
117         <td><?php echo number_format($basic_pay, 2) ?></td>
118     </tr>
119
120     <tr>
121         <th>Current Pay</th>
122         <td><?php echo number_format($current_pay, 2) ?></td>
123     </tr>
124
125     <tr>
126         <th>Royalty Pay</th>
127         <td><?php echo number_format($royalty_pay, 2) ?></td>
128     </tr>
129
130     <tr>
131         <th>Total Pay</th>
132         <td><?php echo number_format($total_pay, 2) ?></td>
133     </tr>
134
135     <tr>
136         <th>Net Pay</th>
137         <td><?php echo number_format($net_pay, 2) ?></td>
138     </tr>
139
140 </table>
141 </center>
142
143
144
145 <?php endif; ?>
146
147
148 </body>
149 </html>

```