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1 <?php
2 $dsn = 'mysql:dbname=lamp_status;host=localhost;charset=utf8';
3 $user = 'root';
4 $password = '';
5 $dbh = new PDO($dsn, $user, $password);
6 $dbh->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
7 $sql = "SELECT * FROM lamp_status WHERE time BETWEEN '2019/11/06 09:00:00' AND
8 '2019/11/06 17:00:00'";
9 $stmt1 = $dbh->query($sql);
10 $stmt1->execute();
11 $dbh = null;
12 echo "2019/11/06";
13
14 $php_array_time = [];
15 $php_array_Green = [];
16 $php_array_Yellow = [];
17 $php_array_Red = [];
18 $lampColor = [$php_array_Green, $php_array_Yellow, $php_array_Red];
19 $accessLabel = ['Green', 'Yellow', 'Red'];
20 array_push($php_array_time, "9:00:00");
21
22 for ($i = 0; $i < count($lampColor); $i++) {
23     array_push($lampColor[$i], "0");
24 }
25
26 while (true) {
27     $rec = $stmt1->fetch(PDO::FETCH_ASSOC);
28     if ($rec == false) {
29         break;
30     }
31     $replace = str_replace('2019-11-06', '', $rec['time']);
32     array_push($php_array_time, $replace);
33     for($i = 0;$i < count($accessLabel);$i++){
34         if (strcmp($rec[$accessLabel[$i]], "ON") == 0) {
35             array_push($lampColor[$i], str_replace('ON', '1',
36 $rec[$accessLabel[$i]]));
37         } else {
38             array_push($lampColor[$i], str_replace('OFF', '0',
39 $rec[$accessLabel[$i]]));
40         }
41     }
42 }
43 array_push($php_array_time, "17:00:00");
44 for ($i = 0; $i < count($lampColor); $i++) {
45     array_push($lampColor[$i], "0");
46 }
47
48 $php_json_time = json_encode($php_array_time);
49 $php_json_Green = json_encode($lampColor[0]);
50 $php_json_Yellow = json_encode($lampColor[1]);
51 $php_json_Red = json_encode($lampColor[2]);
52
```