Authentication Sucess: Ryan ryahof

Query 1: Print book title, publisher address, author name and date (NO time) for titles between 'R1' and 'T1' (both inclusive) OR published within the last 62 days

Query1			
Book Title	**Publisher Address**	**Author name**	**Publish Date**
S4	3D	A3	2020-10-06
T1	4D	A1	2015-04-12
T5	2D	A2	2022-11-12

Query 2: Print author name, address, title, publisher date, publisher address for all authors. (If an author has no book the title and pub columns are NULL)

Query2				
Author Name	**Author Address**	**Book Title**	**Publisher Date**	**Publisher Address**
A0	D0			
A1	D1	T1	2015-04-12	4D
A1	D1	T2	2019-11-08	2D
A2	D2	T5	2022-11-12	2D
A2	D2	T7	2019-09-16	2D
A3	D3	S4	2020-10-06	3D
A4	D4			
A5	D5	T6	2021-04-02	3D

webForm.php

```
<!DOCTYPE html>
<html>
<body>
  <h4>Receive form data and process it</h4>

  <form action="formProcess.php" method="post">
    <br>

    Username
    <br>
    <input name="username" type="text" required />
    <br>
    Password
    <br>
    <input name="password" type="password" required />
    <br>
    Name <br>
    <input name="name" type="text" /><br>

    Query 1 to run?<input type="checkbox" id="query1" name="query1" value="TRUE">
    <label for="query1"></label><br>

    Query 2 to run?<input type="checkbox" id="query2" name="query2" value="TRUE">
    <label for="query2"></label><br>

    <input type="submit" />
  </form>
</body>
</html>
```

formProcess.php

```
    <html>
    <body>
      <?php
      //query1
      $sqlQ1 = "
      SELECT BT, AD, PD, BA, AN, PN, publDate, SUBSTRING(publDate ,1 ,CHAR_LENGTH(publDate) - 8)
      AS noTime
      FROM auth,book,publ
      WHERE (BT LIKE 'R%' OR BT LIKE 'S%' OR BT LIKE 'T1' OR (publDate >= CURDATE() - INTERVAL 62 DAY )) and BP=PN AND BA=AN
      ORDER BY BT;";
      //query2
      $sqlQ2 = "
      SELECT BT,AN,AD,BA,BT,AN,publDate, PD, SUBSTRING(publDate,1, CHAR_LENGTH(publDate) - 8)
      AS DateWithoutTime
      FROM auth
      LEFT JOIN book ON AN = BA
      LEFT JOIN publ ON BP = PN
      ORDER BY AN;";

      $name = $_POST["name"];
      $query1 = $_POST["query1"];
      $query2 = $_POST["query2"];

      if ($query1 == FALSE && $query2 == FALSE)
        print "<b>No query was selected</b><br>";

      //Connect to SQL server
      $connection = new mysqli("127.0.0.1", $_POST["username"], $_POST["password"], "ryahof");

      if ($connection->connect_error) {
        die("<b>Authentication Failure: </b>" . $name . " " . $_POST["username"]);
```

```
} else {
  print("<b>Authentication Sucess: </b>" . $name . " " . $_POST["username"] . "<br><br>");
}

//Run query1
if ($query1 == true) {
  print "<b>Query 1: </b>Print book title, publisher address, author name and date (NO time) for titles between 'R1' and 'T1' (both inclusive) OR pub

  $result1 = $connection->query($sqlQ1);
  if ($result1->num_rows > 0) {
    echo "<table border='1'>
    <tr><th colspan='4'>Query1</th></tr>
    <tr>
    <th>Book Title</th>
    <th>Publisher Address</th>
    <th>Author name</th>
    <th>Publish Date</th>
    </tr>";

    while ($row = $result1->fetch_assoc()) {
      echo "<tr><td>" . $row["BT"] . "</td>" . "<td>" . $row["PD"] . "</td>" . "<td>" . $row["AN"] . "</td>" . "<td>" . $row["noTime"] . "</td></tr>
    }
    echo "</table>" . "<br>";
  }
}

//Run query2
if ($query2 == true) {
  print "<b>Query 2: </b>Print author name, address, title, publisher date, publisher address for all authors. (If an author has no book the title ar

  $result2 = $connection->query($sqlQ2);
  if ($result2->num_rows > 0) {
    echo "<table border='1'>
    <tr><th colspan='5'>Query2</th></tr>
    <tr>
    <th>Author Name</th>
    <th>Author Address</th>
    <th>Book Title</th>
    <th>Publisher Date</th>
    <th>Publisher Address</th>
    </tr>";

    while ($row = $result2->fetch_assoc()) {
      echo "<tr><td>" . $row["AN"] . "</td>" . "<td>" . $row["AD"] . "</td>" . "<td>" . $row["BT"] . "</td>" . "<td>" . $row["DateWithoutTime"] . "</
    }
    echo "</table>" . "<br>";
  }
}

echo "<b>webForm.php</b>";
$file = "webForm.php";
$location = file_get_contents($file);
$text = htmlentities($location);
echo "<pre>" . $text . "</pre>";

echo "<b>formProcess.php</b>";
$file = "formProcess.php";
$location = file_get_contents($file);
$text = htmlentities($location);
echo "<pre>" . $text . "</pre>";
?>
```