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<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
    rel="stylesheet"
    integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWfFspd3yD65VohhpuuCOmLASjC"
    crossorigin="anonymous">
  <title>Document</title>
</head>
<body>
  <div class="container mt-5">
    <?php
      $servername = "localhost";
      $username = "root";
      $password = "";
      $dbname = "test1";

      // Create connection
      $conn = new mysqli($servername, $username, $password);

      // Check connection
      if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
      }

      function createDatabase($conn, $dbname)
      {
        $sql = "CREATE DATABASE IF NOT EXISTS $dbname";

        if ($conn->query($sql) === true) {
          echo "<div class='alert alert-success mb-3' role='alert'>Database created
            successfully</div>";
        } else {
          echo "<div class='alert alert-danger mb-3' role='alert'>Error creating
            database: " .
              $conn->error .
              "</div>";
        }
      }

      function createTable($conn)
      {
        $sql = "CREATE TABLE IF NOT EXISTS users (
          id INT(6) UNSIGNED AUTO_INCREMENT PRIMARY KEY,
          full_name VARCHAR(200) NOT NULL,
          age INT(3) NOT NULL
        )";

        if ($conn->query($sql) === true) {
          echo "<div class='alert alert-success mb-3' role='alert'>Table users created
            successfully</div>";
        } else {
          echo "<div class='alert alert-danger mb-3' role='alert'>Error creating table: "
            .
              $conn->error .
              "</div>";
        }
      }
    }
  </div>
</body>
</html>

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function insert($conn, $name, $age)
{
    $sql = "INSERT INTO users (full_name, age) VALUES ('$name', $age)";

    if ($conn->query($sql) === true) {
        echo "<div class='alert alert-success mb-3' role='alert'>New record created
        successfully</div>";
    } else {
        echo "<div class='alert alert-danger mb-3' role='alert'>Error: " .
            $sql .
            "<br>" .
            $conn->error .
            "</div>";
    }
}

function update($conn, $id, $name, $age)
{
    $sql = "UPDATE users SET full_name='$name', age=$age WHERE id=$id";

    if ($conn->query($sql) === true) {
        echo "<div class='alert alert-success mb-3' role='alert'>Record updated
        successfully</div>";
    } else {
        echo "<div class='alert alert-danger mb-3' role='alert'>Error updating record:
        " .
            $conn->error .
            "</div>";
    }
}

function delete($conn, $id)
{
    $sql = "DELETE FROM users WHERE id=$id";

    if ($conn->query($sql) === true) {
        echo "<div class='alert alert-success mb-3' role='alert'>Record deleted
        successfully</div>";
    } else {
        echo "<div class='alert alert-danger mb-3' role='alert'>Error deleting record:
        " .
            $conn->error .
            "</div>";
    }
}

function display($conn)
{
    $sql = "SELECT id, full_name, age FROM users";
    $result = $conn->query($sql);

    if ($result->num_rows > 0) {
        echo "<table class='table'>";
        echo "<thead><tr><th>ID</th><th>Name</th><th>Age</th></tr></thead>";
        echo "<tbody>";
        // output data of each row
        while ($row = $result->fetch_assoc()) {
            echo "<tr><td>" .
                $row["id"] .
                "</td><td>" .
                $row["full_name"] .

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                "</td><td>" .
                $row["age"] .
                "</td></tr>";
            }
            echo "</tbody>";
            echo "</table>";
        } else {
            echo "0 results\n";
        }
    }

function main($conn)
{
    createDatabase($conn, "test1");
    mysqli_select_db($conn, "test1");
    createTable($conn);
    insert($conn, "John Wick", 45);
    insert($conn, "Walter White", 25);
    insert($conn, "Jesse Pinkman", 35);
    insert($conn, "Skyler White", 25);
    update($conn, 2, "Walter White", 46);
    update($conn, 4, "Skyler White", 44);
    delete($conn, 1);
    display($conn);
}

main($conn);

$conn->close();
?>
</div>

</body>
</html>

```

## Outputs

### Database Created

Database created successfully

### Table Created

Table users created successfully

Records Inserted

New record created successfully

New record created successfully

New record created successfully

New record created successfully

Records Displaying

ID	Name	Age
1	John Wick	45
2	Walter White	25
3	Jesse Pinkman	35
4	Skyler White	25

Updating Records

Record updated successfully

Record updated successfully

Displaying Updated Records

ID	Name	Age
1	John Wick	45
2	Walter White	46
3	Jesse Pinkman	35
4	Skyler White	44

Displaying Deleted Records

Record deleted successfully

ID	Name	Age
2	Walter White	46
3	Jesse Pinkman	35
4	Skyler White	44