|  |  |  |
| --- | --- | --- |
| **Name : Ayan Ahmed Khan** |  |  |
| **Roll No : 261** | **Practical** | **: 12** |

**Aim: Write a PHP program to sort the student records which are stored in the database using ascending/descending order**

<?php

$host = "localhost";

$username = "root";

$password = "";

$dbname = "student\_db";

$conn = new mysqli($host, $username, $password, $dbname);

// Check connection

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

$order = "ASC"; // Default if (isset($\_POST['sort'])) {

if ($\_POST['sort'] === "asc") {

$order = "ASC";

} elseif ($\_POST['sort'] === "desc") {

$order = "DESC";

}

}

$sql = "SELECT \* FROM students ORDER BY marks $order";

$result = $conn->query($sql);

?>

<!DOCTYPE html>

<html>

<head>

<title>Sort Student Records</title>

<style>

body {

font-family: Arial; padding: 30px; background: #f7f7f7;

}

table {

border-collapse: collapse; width: 50%;

margin: auto;

background: white;

box-shadow: 0 0 10px #ccc;

}

th, td {

padding: 12px;

border-bottom: 1px solid #ddd; text-align: center;

}

h2 {

text-align: center;

}

form {

text-align: center; margin-bottom: 20px;

}

select, button { padding: 8px 12px; font-size: 16px;

}

</style>

</head>

<body>

<h2>Sort Student Records</h2>

<form method="post">

<label>Sort by Name:</label>

<select name="sort">

<option value="asc" <?= ($order == "ASC") ? "selected" : "" ?>>Ascending</option>

<option value="desc" <?= ($order == "DESC") ? "selected" : "" ?>>Descending</option>

</select>

<button type="submit">Sort</button>

</form>

<table>

<tr>

<th>ID</th>

<th>Name</th>

<th>Marks</th>

</tr>

<?php if ($result && $result->num\_rows > 0): ?>

<?php while($row = $result->fetch\_assoc()): ?>

<tr>

<td><?= $row["id"] ?></td>

<td><?= htmlspecialchars($row["name"]) ?></td>

<td><?= $row["marks"] ?></td>

</tr>

<?php endwhile; ?>

<?php else: ?>

<tr><td colspan="3">No records found</td></tr>

<?php endif; ?>

</table>

</body>

</html>

<?php $conn->close(); ?>

**OUTPUT:**

