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<HTML>
<HEAD>
<title>newStudentForm.php</title>
</HEAD>
<BODY>

<H1> FORM ACTION PHP PAGE </H1>
Demonstrates:
<ul>
<li>
php include file to do connection
<li>
call stored procedure with error handling to insert data.
<li>
Get error back from stored procedure and conditionally print
<li>
query DB and print results to allow user to validate data entry
</ul>

<p>
<?php
    // include files:
    // connection function
    include('connect.php');

    // get variables from form
    // Student ID, Name, and up to 4 valid courses from
newStudentForm.html
    $db = $_POST['db'];
    $id = $_POST['id'];
    $name = $_POST['name'];
    $c1 = $_POST['c1'];
    $c2 = $_POST['c2'];
    $c3 = $_POST['c3'];
    $c4 = $_POST['c4'];

/* debug
    echo "<P>";
    $f = "%s = %s\n<BR>\n";
    printf($f, "id", $id);
    printf($f, "name", $name);
    printf($f, "c1", $c1);
    printf($f, "c2", $c2);
    printf($f, "c3", $c3);
    printf($f, "c4", $c4);
*/

    // connect to the db
    dbConnect($db);

    // used fixed-width font
    echo "<pre>\n";

    mysql_query(
        "CALL insertSchedule
(@r, '$id', '$name', '$c1', '$c2', '$c3', '$c4')");
    $r1 = mysql_query(
        "SELECT @r");
    $r = mysql_fetch_row($r1);

    // if requested a non-existent CRN

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        if ($r[0] != "")
            echo $r[0]."<br><br>";

        // free the result sets for the stored procedure
        mysql_free_result($r1);

        // Print the schedule
        // get student id and name from DB, because user may have entered
an
        // id that was already in the DB, and the name they gave may not
match the
        // name in the DB, but the name in the DB will not be overwritten
by the
        // stored procedure
        $r1 = mysql_query(
            "SELECT * from student where ID = $id");
        $r = mysql_fetch_row($r1);

        // print ID (name)
        echo "Schedule for Student ID: $r[0] ($r[1])\n";

        mysql_free_result($r1);

        // set format string
        $fmt = "%5s %-50s\n";
        // print header line
        printf($fmt, "CRN", "Course Name");

        // Get courses student registered for
        $r1 = mysql_query(
            "SELECT * from course where CRN in ".
            "(select CRN from schedule where ID = $id)");

        // loop over courses, printing each one
        while ($r = mysql_fetch_row($r1))
            printf($fmt,$r[0],$r[1]);

        // free result set
        mysql_free_result($r1);

        echo "</pre>\n";
?>
</BODY>
</HTML>

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