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<?php
/*
    insertStudentXML.php
    load a set of records into student table from an xml file
*/

// connect to the db
include('connect.php');
dbconnect("nordqstu04");

// load the xml file
$xml = simplexml_load_file("student.xml");

// walk the rows
foreach($xml->children() as $row)
{
    // debug: echo $row->getName() . ": " . $row . "<br />";
    // walk the columns and build up a values () string
    $values = "";
    $count = 0; // even vs. odd
    foreach($row->children() as $field)
    {
        // debug: echo $field->getName() . ": " . $field .
        // the structure of student is (INT ID, TEXT NAME)
        if( fmod( $count, 2) == 0) // if count mod 2 is zero
            // this is an ID
            $values = $values . $field . ",";
        else
            // this is a NAME
            $values = $values . "'" . $field . "'";
        $count++;
    }

    /* Don't need to do this, but it is a nice piece of code ...
    // strip off trailing ','
    $values = substr( $values, 0, strlen($values) - 1);
    */
    // echo $values . "<br/>"; // debug

    // put values string into insert statement
    $q = "INSERT INTO student VALUES (" . $values . ")";
    echo $q . "<br/>";
    // execute the insert statement
    mysql_query($q);
    $r = mysql_error(); // get any errors from insert
    if( strlen( $r) > 0) // if error
        echo "<ul><li>" . $r . " </ul>";
}
?>

```