

## ITSE 2302 – Program 10

All of the assignments in this course must be uploaded to Bb **and** *published to your student website*. Use the numbered list below **and** the Common Requirements as a confirmation checklist.

- Complete the steps described at the Website Setup & Publishing link in the “Assignments” section in Bb.
- Use the course material located at
  - [HTML Tutorial](#) , [CSS Tutorial](#) , [JavaScript Tutorial](#) , [PHP Tutorial](#)
- Program 10 can be completed using content from these tutorial sections:
  - HTML HOME – MySQL Limit Data
- Develop the page/site for your user – Communicate with your user.

### Requirements (remember to identify the requirements by #number):

Note: the requirements below refer to the index.php within the program-## folder unless otherwise stated.

Note: a database has been created for you. The name of the database is the same as the database username and is of the format: itse230200#00# which is like your HTTP and SFTP usernames.

1. The Program 10 link on your top-level page should open an index.php page in the program-10 folder. Use the teams table. Replace the functionality of Program 09, Requirement #4 with prepared statements.
2. Include a select list that lists the 5 fields (not including id) of the teams table. Include a button that submits the value selected in the select list. Use that value to select and display that column’s data from the database. For instance, if the user selects “Websites” from the select list, the websites from all of the teams are displayed.

NOTE: This may be helpful when using submitted variables in SQL statements:

## ITSE 2302 – Program 10

```

3  // Obtaining and using submitted variables.
4
5  // Suppose a string was submitted.
6  $c = $_POST['c'];
7
8  // Include quotes for string data
9  $sql = "SELECT * FROM teams WHERE city = '$c'";
10
11 // Sometimes written like this:
12 $sql = "SELECT * FROM teams WHERE city = '". $c. "'";
13
14 ///////////////////////////////////////////////////
15
16 // Converting q to an integer (intval not
17 // required if sure q is an integer).
18 $q = intval($_POST['q']);
19
20 // This version works if $q is numeric
21 $sql = "SELECT * FROM teams WHERE id = $q";

```

3. Include 5 checkboxes for the 5 fields of the teams table. Include a button that submits the values selected in the checkboxes. Use those values to select and display those column's data from the database.
4. Display the rows of the table. Below the table output, include a select list with the 5 fields of the table. Ask the user which row to delete based on the value selected in the select list and the value from a textbox which contains the matching data. For example, selected item = 'city' and the textbox = 'Boston'. Include a button that removes the row from the table. Display the table again showing that the row has been removed.
5. Repeat requirement #4 but instead of delete, demonstrate update functionality.
6. Demonstrate use of the SQL LIMIT clause by displaying only the first 3 matching rows from a query.

## ITSE 2302 – Program 10

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**TEST** – **TEST** – **TEST** your **website** to ensure the requirements are met.

1. Use the list above **and** the Common Requirements as a confirmation checklist.
2. Not meeting all requirements = 0 points for the assignment.
3. Complete the appropriate Program ## confirmation in Bb by the due date.
4. Upload your .zip file to Bb under the appropriate Program ## link by the due date.
5. Ensure your assignment functions correctly on your student website and that all requirements are identified by “#XX”.
6. Remember to study for the exam. Distributing learning over time is far superior than panic-study in close proximity to the exam date.