

**Objective:** This homework gives you some hands-on experience with writing PHP web apps that connect to the MySQL DBMS.

**Learning tools:** PHP slides and PHP labs php1, php2.

**Instructions:**

1. Electronic submission: Your assignment is **due by Monday, 11:00 PM, 4/5**.

`~cs775/submit 7 hw7_username.php`

Replace *username* in the filename by your username.

2. Late policy: 1 day late: 2 points off, 2 days late: 4 points off.

3. Maximum points: 30

4. Download *hw7.php*.

I have provided most of the HTML and CSS code in *hw7.php*.

5. You will be completing the missing code from the `<?php...? >` sections. The missing sections are highlighted as UPPERCASE comments.

6. A sample output of your code can be seen by checking out

`cs775.basalt.cs.unh.edu/hw7/hw7-subquery.php`

**Description:** The code has 3 sections. I have written all the html/CSS code. You have to write some of the php code.

1. In the first section, you will need to establish a connection to the MySQL server.

2. In the second sections, you will create and submit a SQL query to the database.

The query should select all projects in the PROJECT table whose associated department number is entered via the web interface.

3. Each row of the table should display a Project Name, a Project Number, a Project Location.

Refresh your PHP in the browser window to determine if your code executes properly. Change the department number and test that your code executes correctly.

4. In the third section, you will run a SQL query with a sub-query. for each row in the result of the main query.

The sub-query will look up employees in the WORKS\_ON table that are assigned to each project selected by the main query.

Refresh your PHP in the browser window to determine if your code executes properly.