

Homework 7

Electronic copy due Wednesday 20 May 2009 7:00 pm via hwsubmit

Hard copy due Thursday 21 May in class

Make sure to put your CS account name and your real name on your hard copy.

In this week's homework, you will continue working with the hospital database from Lab 7. A copy of the database is on PhoenixForge and on classes at:

/stage/classes/archive/2009/spring/23500-1/homework/hospital.db

Recall the script presented in Lab 7:

```
<html>
<head>
<title>Hospital physicians</title>
</head>
<body>
<?php
try
{
    $dbconn = new PDO('sqlite:hospital.db');
?>
    <h1>Hospital physicians</h2>
    <ul>
<?php
    foreach($dbconn->query('SELECT * FROM Physician') as $row)
    {
        print "<li>" . $row["Name"] . "</li>";
    }
?>
    </ul>
<?php
}
catch(PDOException $e)
{
    print "Error connecting to database!";
}
?>
</body>
</html>
```

1. Modify the script so it will also print the physician's position.
2. Modify the script so that, for each physician, it will also print the names of the patients who have that physician as a PCP.
Note: If you use a JOIN, you're taking the complicated road.
3. Create a PHP called appts.php that prints out all appointments, including the physician's name, patient's name and nurse's name. If you are familiar with HTML tables, use them.