

Slide 11.9: Java source code: `SigninActivity.java` (cont.)

Slide 12.1: Programming Exercise III: A location-based service (LBS) using AJAX and HTML5 technologies

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Server-side PHP Scripts

This application uses a database table, `users`, hosted by the server `mysqldev.aero.und.edu`. The following two PHP scripts are used to access the table:

```
01 CREATE TABLE users (
02     name    VARCHAR(32),
03     password VARCHAR(16),
04     role     VARCHAR(16) );
05
06 INSERT INTO users VALUES(
07     'Poke Mon', 'hush', 'admin' );
08
09 INSERT INTO users VALUES(
10     'Mario', 'secret', 'user' );
11
12 INSERT INTO users VALUES(
13     'Super Man', 'knock-knock', 'hacker' );
```

- [login_get.php](#), which is for the GET method, and
- [login_post.php](#), which is for the POST method.

http://wenchen.cs.und.edu/course/457/11/Android/login_get.php

```
01 <?php
02     $username = $_GET['username'];
03     $password = $_GET['password'];
04     $host      = "mysqldev.aero.und.edu";
05     $conn      = mysql_connect( $host, "userid", "password" );
06
07     if ( !$conn )
08         die( 'Could not connect to MySQL: ' . mysql_error( ) );
09     else {
10         mysql_select_db( "database", $conn );
11         $sql = "SELECT role FROM users WHERE ";
12         $sql .= "name='$username' and password='$password'";
13         if ( $result = mysql_query( $sql, $conn ) ) {
14             $row = mysql_fetch_array( $result );
15             $data = $row[0];
16         }
17         if ( $data ) echo $data;
18         mysql_close( $conn );
19     }
20 ?>
```

http://wenchen.cs.und.edu/course/457/11/Android/login_post.php

```
01 <?php
02 $username = $_POST['username'];
03 $password = $_POST['password'];
04 $host      = "mysqldev.aero.und.edu";
05 $conn      = mysql_connect( $host, "userid", "password" );
06
07 if ( !$conn )
08     die( 'Could not connect to MySQL: ' . mysql_error( ) );
09 else {
10     mysql_select_db( "database", $conn );
11     $sql = "SELECT role FROM users WHERE ";
12     $sql .= "name='$username' and password='$password'";
13     if ( $result = mysql_query( $sql, $conn ) ) {
14         $row = mysql_fetch_array( $result );
15         $data = $row[0];
16     }
17     if ( $data ) echo $data;
18     mysql_close( $conn );
19 }
20 ?>
```

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