

Exercise 11.9 – Integrating User Inputs (MYSQLI)

- No extra functions
- Messy coding techniques
- PHP Functions and Procedures
 - `define()`
 - `$connection = mysqli_connect(DBHOST, DBUSER, DBPASS, DBNAME);`
 - `$result = mysqli_query($connection, $sql);`
 - `$row = mysqli_fetch_assoc($result);`
 - `mysqli_free_result($result);`
 - `mysqli_close($connection);`

```
<?php
//config.php - lab11-exercise08-mysqli.php
define('DBHOST', 'localhost');
define('DBNAME', 'art');
define('DBUSER', 'testuser');
define('DBPASS', 'secret');
define('DBCONNSTRING','mysql:host=localhost;dbname=art');
?>
//lab11-exercise09.php
<?php require_once('config.php'); ?>
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Chapter 11</title>

<!-- Bootstrap core CSS -->
<link href="bootstrap3_defaultTheme/dist/css/bootstrap.css" rel="stylesheet">

</head>
<body>

<form method="get" action="lab11-exercise09.php">
<div class="well">
<h1>User Input (mysqli)</h1>
Gallery:
<select name="gallery">
<option value="0">Select a gallery</option>
<?php
    $connection = mysqli_connect(DBHOST, DBUSER, DBPASS, DBNAME);
    if ( mysqli_connect_errno() ) {
        die( mysqli_connect_error() );
    }
    $sql = 'select * from Galleries order by GalleryName';

    if ($result = mysqli_query($connection, $sql)) {
```

```

// loop through the data
while($row = mysqli_fetch_assoc($result))
{
    echo '<option value="' . $row['GalleryID'] . '"';
    if (isset($_GET['gallery']) && $row['GalleryID'] == $_GET['gallery']) echo ' selected ';
    echo '>';
    echo htmlentities($row['GalleryName'], ENT_IGNORE | ENT_HTML5, "ISO-8859-1");
    echo ' (' . $row['GalleryCity'] . ')';
    echo '</option>';
}
// release the memory used by the result set
mysqli_free_result($result);
}

?>
</select>
<input class="btn btn-default" type="submit" value="Submit">
</div>

<div class="container">
<div class="row">
// added the following code
<?php
if ($_SERVER["REQUEST_METHOD"] == "GET") {
    if (isset($_GET['gallery']) && $_GET['gallery'] > 0) {
        $sql = 'select * from ArtWorks where GalleryId=' . $_GET['gallery'];
        if ($result = mysqli_query($connection, $sql)) {
            // loop through the data
            while($row = mysqli_fetch_assoc($result))
            {
?>
                <div class="col-md-3">
                    <div class="thumbnail">
                        " alt="<?php echo $row['Title']; ?>"
                            class="img-thumbnail img-responsive">
                        <div class="caption">
                            <?php echo $row['Title']; ?>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    <?php
    } // end while

    // release the memory used by the result set
    mysqli_free_result($result);

} // end if ($result

```

```

    } // end if (isset

} // end if ($_SERVER

// close the database connection
mysqli_close($connection);

?>

```

```

</div>
</div>
</form>
</body>
</html>

```


Results

Chapter 11


File Edit View Favorites Tools Help

User Input (mysqli)

Gallery:



Annunciation



The Hippopotamus and Crocodile Hunt