

TWP4213

Internet and Web Publishing



Lab 11

Session State and Caching

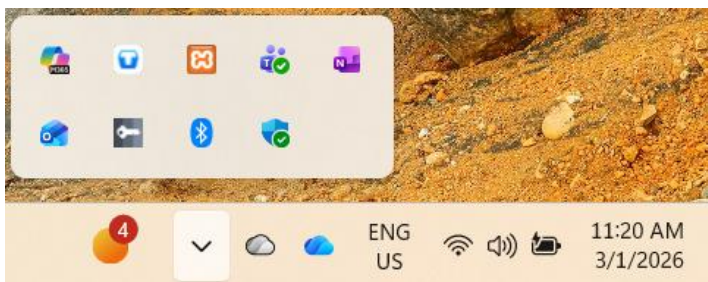
Question 1 – Category Link

In this exercise, you will be able to:

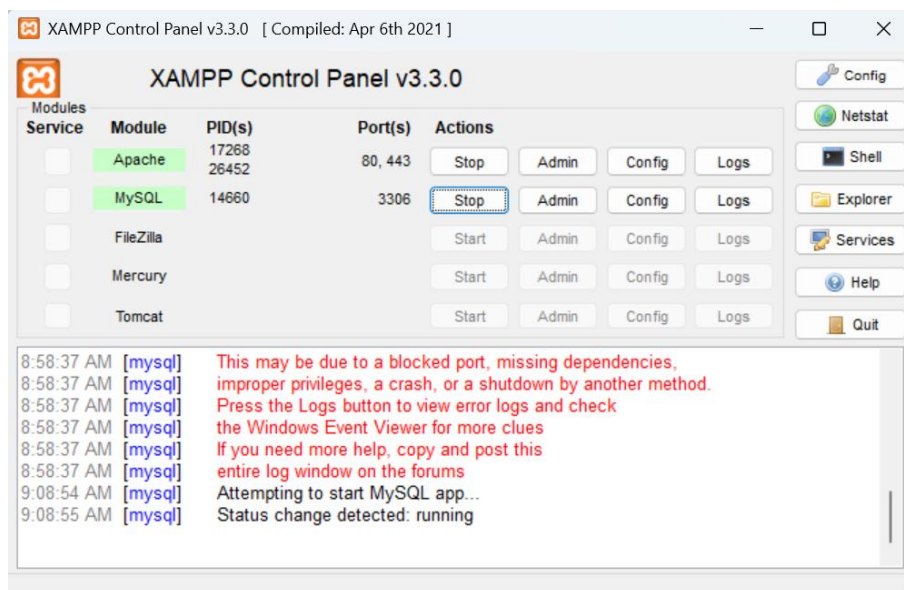
- Retrieve and display all categories from a database

Follow the following steps to complete the code.

- a) Check the taskbar and ensure that XAMPP is running. If XAMPP icon is there just double click the icon to open it. Do not run more than one XAMPP instances. This can lead to corruption of XAMPP files. If there is no XAMPP icon than use the Search in the taskbar to find and run XAMPP.



- b) In the XAMPP Control Panel, make sure both Apache and MySQL are running.



- c) Download Lab 11 materials zip file and extract the content.
- d) Open the header.php file. This is the header page that will show the header and all categories stored in the database. Copy the following code to retrieve the category from the category table and display them in the header section.

```
<?php

$categoryQuery = "SELECT * FROM category WHERE status = 'Active'";

$categorystmt = $conn->prepare($categoryQuery);
$categorystmt->execute();
$result = $categorystmt->get_result();

while ($category = $result->fetch_assoc()): ?>
    <li>
        <a href="Lab 11 Q1 Products Solution.php?category=<?php echo
($category['Category_Name']); ?>"
        class="category-link">
            <?php echo htmlspecialchars($category['Category_Name']) ?>
        </a>
    </li>
<?php endwhile; ?>
```

Question 2 – Customer Product Page

In this exercise, you will be able to:

- Retrieve and display filtered product data from a database, handling search results or categories.
 - Use conditionals to show discounted prices, low stock warnings (under 20 units), and sold-out status.
 - Embed forms for adding items to a shopping cart with hidden inputs for product ID and price.
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- a) Open Lab 11 Q1.php. This is a customer product page where customers can view and search all the products
 - b) Use similar code that we learned earlier to display and search all products that are stored in the database. Similar code that we learned in Lab 10 to filter the products according to categories.

Question 3 - Restrict content of not logged in.

- a) Open the header.php again and this time only the login button if the user has not logged in.
- b) Copy the Lab 10 Q2 login file. Not the session that we have declared in this file.
- c) Now in the header.php, we will modify the code as shown below:

```
<?php if (empty($_SESSION['cus_id'])) { ?>
    <a href="Lab 11 Q1 login.php">Log In</a>
<?php } else { ?>
    <a href="Lab 11 Q1 Cart.php">Shopping Cart</a>
    <a href="chistory.php">Order History</a>
    <a href="cprofile.php">Profile</a>
    <a href="Lab 11 Q1 Logout.php">Log Out</a>
<?php } ?>
```