Absolutely! Here’s a **line-by-line breakdown** of your PHP and HTML code for the IPHS Campus Management System navbar with session-based login/logout logic:

**🧠 PHP: Session Check and Start**

<?php

if (session\_status() === PHP\_SESSION\_NONE) {

session\_start();

}

?>

* This code checks if a PHP session is already active.
* If not, it starts one using session\_start() — necessary to use session variables like $\_SESSION['role'].

**📄 HTML Structure**

<!DOCTYPE html>

<html lang="en">

* Declares the document type and sets the language to English.

**🧠 <head> Section**

<head>

<meta charset="UTF-8">

* Sets character encoding to UTF-8.

<meta name="viewport" content="width=device-width, initial-scale=1.0">

* Ensures mobile responsiveness.

<title>IPHS Campus Management System</title>

* Page title shown on the browser tab.

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css">

* Loads Bootstrap 5 for responsive layout and UI components.

<style>

.custom-navbar {

background-color: #023d7d !important;

}

</style>

* Custom style to set a dark blue background for the navbar using a custom class.

**🚪 Navbar with Session-based Logic**

<body>

<nav class="navbar navbar-expand-lg navbar-dark custom-navbar">

* Starts a dark Bootstrap navbar with the custom blue color.

<div class="container-fluid">

* Full-width responsive container.

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav"

aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

* Hamburger menu button for small screens (collapses the nav links).

<div class="collapse navbar-collapse justify-content-end" id="navbarNav">

* Collapsible navbar section aligned to the right (justify-content-end).

<ul class="navbar-nav">

* Start of the nav link list.

**🔁 PHP Conditional: Show Login or Logout**

<?php if (isset($\_SESSION['role'])): ?>

* If a user role is set in the session (i.e., user is logged in):

<li class="nav-item">

<a class="nav-link" href="logout.php"><i class="bi bi-box-arrow-right"></i> Logout</a>

</li>

* Show the **Logout** button with a Bootstrap icon.

<?php else: ?>

* Otherwise (user not logged in):

<li class="nav-item">

<a class="nav-link" href="login.php"><i class="bi bi-box-arrow-in-right"></i> Login</a>

</li>

<?php endif; ?>

* Show the **Login** button.

**🧩 Bootstrap Icons & JS**

</ul>

</div>

</div>

</nav>

* Closes the navbar elements.

<!-- Include Bootstrap Icons -->

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.10.5/font/bootstrap-icons.css">

* Loads Bootstrap Icons for the <i class="bi bi-box-arrow-..."> elements used for login/logout.

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>

* Includes Bootstrap’s JavaScript bundle (for collapsible navbar and other components).

**✅ Summary**

* ✅ Uses **PHP session** to toggle login/logout.
* ✅ Implements a **responsive Bootstrap navbar**.
* ✅ Clean and minimalist — just the login/logout link.
* ✅ Uses **Bootstrap Icons** for visual enhancement.

Want to add a **brand logo**, **username display**, or **redirect after logout/login** next?