

AMERICAN INTERNATIONAL UNIVERSITY BANGLADESH (AIUB)
Faculty of Science and Technology (FST)
Department of Computer Science (CS)
Course: Web Technologies

Lab Task 01: Product Inventory System

Instruction:

- 1. Complete the task**
- 2. After completion, push the code in the GitHub repository.**

Scenario:

You work for an e-commerce company that needs a simple inventory management tool. Create a PHP application that manages product information using arrays and displays product details with calculated discounts.

Steps:

Develop a PHP script that:

- Creates an associative array with at least 5 products containing: product name, price, quantity, category
- Creates another indexed array with discount percentages for different categories
- Uses loops (foreach, for, or while) to display all products
- Implements a function to calculate discounted prices
- Uses a function to find the most expensive product
- Displays total inventory value
- Format output using HTML for better presentation