CS 6311 Feedback from Homework Assignments

Constructors should instantiate the Scanner object

**public** CustomerTUI(InventoryManager currentInventory) {

**this**.storeInventory = currentInventory;

**this**.input = **new** Scanner(System.in);

}

**For l**oop should be used for counted rows or columns.

**Foreach** loops should be used with array or array lists.

**Row** or **column** for variable names instead of I, j, etc.

Avoid Class names as variable names, i.e. ~~Rhombus rhombus.~~

No single line comments and remove commented out code before submitting.

**System.exit** is not appropriate in a console application.

**Do while** loops are most appropriate for menu driven input.

**private** **void** runMenu() {

**int** choice = 0;

**do** {

System.out.println();

System.out.println("\t\t1 - View Inventory");

System.out.println("\t\t2 - Add computer to cart");

System.out.println("\t\t3 - View cart");

System.out.println("\t\t4 - View money remaining");

System.out.println("\t\t5 - Checkout");

System.out.println("\t\t6 - Quit shopper application");

System.out.println();

System.out.print("\tEnter your choice: ");

String enteredChoice = **this**.input.nextLine();

choice = Integer.parseInt(enteredChoice);

**if** (choice == 1) {

**this**.viewInventory();

} **else** **if** (choice == 2) {

**this**.addComputerToCart();

} **else** **if** (choice == 3) {

**this**.viewCart();

} **else** **if** (choice == 4) {

**this**.viewMoneyRemaining();

} **else** **if** (choice == 5) {

**this**.checkout();

} **else** **if** (choice == 6) {

**this**.customerApplicationQuit();

} **else** {

System.out.println();

System.out.println("\tThat's not a valid choice. Please try again.");

}

} **while** (choice < 1 || choice > 6);

} System.out.println("\tThat's not a valid choice. Please try again.");

}

} **while** (choice < 1 || choice > 6);

}