Midterm Practice P3

Submit the source code and a sample run matching the one provided below via D2L.

Surfer Sam’s has a sale this Saturday, you need to reprogram the tills for the sale. Write the Java code.

Ask for a product price. If the total price is less than or equal to $100, apply a discount of 3% to the total sale. If the price is more than $100 and less than or equal to 500, apply a discount of 5% to the total sale. If the price is higher than $500, apply a discount of 8% to the total sale. Add the GST and print out the: original price, the discount amount, GST and final price. The following is a sample, user input is shown in bold underline:

Enter the price: **699.90**  
Original Price: $699.90  
Discount = $55.99  
GST = $32.20  
Final Price = 676.11

The results shown here include rounding.

Bonus: Solve this problem using pennies for your calculations.