**C# Semester 2**

**The Basics - Review Tutorial**

A shop requires a program to generate sales receipts.

For each transaction, the program will read in the name of a product, the quantity purchased and output a receipt in the format shown below. A customer may buy any number of different products in a single transaction

The cost of the products are listed below

|  |  |
| --- | --- |
| **Product Name** | **Unit Price** |
| Tee-Shirt | 20 |
| Headphones | 200 |
| Go-Pro Camera | 250 |
| Skateboard | 300 |

Discounts are offered based on the total value of the sale

|  |  |
| --- | --- |
| **Total Sale** | **Discount Amt** |
| 0.01 – 100 | 0% |
| 100.01 – 300 | 5% |
| 200.01 – 500 | 10% |
| >500 | 15% |

Receipt

Product Qty Unit Price Amt

Tee-Shirt 2 20 40.00

Skateboard 1 300 300.oo

Sub Total 340.00

Discount 34.00

Total Due 306.00