**[Shopping Cart Project]**

# Statement of Independent Effort

I, [Nick St Fleurant], hereby certify that is my original work completed without the assistance of anyone or any outside resources.

OR

I, [YOUR NAME], hereby certify that this is my original work completed with the assistance of [NAME]/the resources listed in the reference. I used these resources in the following areas: […].

Nick St Fleurant

[YOUR NAME]

# Grade Sheet

*Fundamentals of Programming*

*Ms. Vanessa Coote*

*Before submitting the project package, the student should review each of the elements listed below and put a checkmark only in those checkboxes where the designated elements has been reviewed and meets specifications. After completing your document package, number your pages and write the designated page numbers onto the spaces provided on the grading sheet.*

**\_\_\_\_\_ Professionalism (10 points)**

* Following directions
* Neatly assembled 8 ½ by 11
* Cover page
* Page numbers
* Documentation

**\_\_\_\_\_ Source Program Listing and Proper Execution of Program (30 points)**

*It is expected that each student’s program will run correctly*

* Program source code listing matches code on submission and/or backups
* Inclusion of comment lines in source code
* Comments at the beginning of the program including programmer, project name and number, date written, and brief program description.
* Comments at key locations throughout the code
* Descriptive variable names (that follow naming convention)
* Logic is correct
* Logic is clear and easy to follow
* Proper formatting of statements
* Alignment, proper indentation, etc
* Proper use of data types and data conversions

**\_\_\_\_\_ Test Data (5 points)**

* Each test case properly calculated by hand and documented
* Suitable choice of you own test data case

**\_\_\_\_\_ Input Window (10 points)**

* Correct data type for each input section
* Analysis of data type (e.g. int, float, double etc.)
* Appropriate restrictions for each input section
* Data input value shown matches specified test data
* Appropriate display for each input section

**\_\_\_\_\_ Output (15 points)**

* Suitable layout of output (including required fields, easy to read layout, etc.)
* All data cases displayed
* Correct value displayed for each case
* Correct format of fields (e.g. use of integers and not float as appropriate, dollars and cents, display of $, etc)
* Required output format
* Aesthetics (User-friendliness, easy to understand output, alignments, etc)

**\_\_\_\_\_ Documentation (40 points)**

* Analysis of specifications
* Pseudocode
* Flowchart
* Hard copy of program

**\_\_\_\_\_ Fully Functioning Program (30 points)**

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Possible points = 140

Points Earned =