

# Computer Programming

C20013

## Programming Assignment #2

### Brief:

You are to write a perl application to handle on-line purchases of the product sold by the website of your (possibly imaginary) home business.

For ease of operation, you may assume there is only one product line sold by the web-site, though multiples of that may be bought.

### Summary:

The ordering of goods should be a two step process. The application should generate its own html input forms, as well as process input generated by the end user through those forms.

The input form should have a minimum of 10 input fields, including: buyer name, address, email, credit-card details, quantity of product, delivery details *etc.*

Details of sales should be saved to a database (details to follow) for later order completion.

The sales form should be clickable from your project website.

All html should be validated.

### Presentation:

Marks are awarded for attractive presentation both of the screen output and the source code. Code indentation and commenting are *vital*.

The sales input form should be well formatted and in keeping with the look-and-feel of the rest of the web site.

### Submission Mechanism:

Electronically, on-line, details to follow.

*and*

By paper via the submission box in Room 15. Include:

- Cover sheet ('My Own Work')
- Methodology planner
- Flow chart *or* Decision tree (Read the programming website for information).
- Source code (The perl program, printed)
- Demonstration video
- Sample data used
- Screen capture(s) as required

Any other relevant supporting materials.

### Due Date:

**20140116, 12:45, Thursday**  
(subject to on-line Calendar changes)