

CIS212a/CS218 Coursework (2002/2003)

Programming: Advanced Topics and Techniques

Hand out lecture Thursday 14 November 2002

Hand in lecture Thursday 12 December 2002

Note: All coursework must be signed in at the beginning of the lecture.

Student Name(s):

Total Marks:

1. Report

- (a) Use the cover page provided [3]
- (b) Introduction
 - i. analysis and plan [3]
 - ii. class diagram [3]
 - iii. class/method list with description [3]
 - iv. working class/method list [3]
- (c) Test data [3]
- (d) Comments [3]
- (e) (*bonus*) Reminder and Web address [3]
- (f) Instruction [3]
- (g) Attachment and References [3]

2. Program

- (a) Graphical user interface [5]
- (b) Event driven [5]
- (c) Appropriate undevelopped parts [5]
- (d) Object-oriented [5]
- (e) Options
 - i. Viewing books
 - A. display/search/other [10]
 - B. circular/other [10]
 - ii. Maintaining books
 - A. searching/sort/other [10]
 - B. insert/delete/count/other [10]
- (f) Style
 - i. classes [2]
 - ii. methods/objects [2]
 - iii. variables [2]
 - iv. encapsulation [2]
 - v. using reference/linked structure [2]