



School of Computing, Engineering and Physical Sciences

MSc Information Technology

COMP11124 Object Oriented Programming

Assignment Specification

Session 2024/2025 Term 3

The **DUE DATE** for the submission of the assignment is:

16/07/2025 (Wednesday) at 15:00

This assessment makes up 50% of the module mark.
Per the assessment regulations, the pass mark for Postgraduate students is 50%.

Michael Lin

Overview

This assignment component requires students to submit a report based on the work they completed as groups of a half number of students within the same subgroup of the same class group.

Learning Outcomes Addressed

- L2. Design and implement programs that demonstrate appropriate use of object-oriented design principles.
- L3. Select and use appropriate data structures for a given problem.
- L4. Propose object-oriented solutions using an appropriate modelling language (such as UML)

Submission Components

Students are required to submit a report along with all program code related to lab tasks, exercises, and content included from Lab 2 through to the material covered in labs up to July 9. The submission should include:

1. Solution code and source script files, with appropriate comments.
2. A Word or PDF report, including testing results with relevant screenshots, analysis of the work completed, summary and conclusions.

Aula Submission Instructions

Your assignment should be submitted by the leader of your half in a subgroup to the Aula portal for this assignment.

For the report submission, please create a zip file named using the following format:

[GroupName]_[SubGroupNumber]_[HalfNumber]_[BANNER_ID]_[role]_[YourName]

Replace *GroupName*, *SubGroupNumber*, *HalfNumber*, *role*, *BANNER_ID*, and *YourName* with the appropriate details.

The zip file should contain:

- **A folder** with all source script files (e.g., .ipynb or .py), properly numbered and commented.
- **A Word or PDF report file**, following the same naming format as the zip file
 - In the cover page of the report, list each group member's Banner ID, name, and their contribution percentage, as agreed upon by your group.

For example:

If you are the group leader of the 1st Half in the Sub Group 5 of the Class Group B, name the file and folder as **B_5_1_B1234567_leader_JamesBond.zip**.

Plagiarism and Academic Misconduct

Plagiarism is a serious violation of academic ethics and requires disciplinary action and penalty. **Your submission for this assignment should be your own work.**

Please refer to the university's Academic Integrity document for further information:

<https://www.uws.ac.uk/media/6606/student-academic-integrity-procedure-september-2023.pdf>

Marking & Grading Scheme (Postgraduate)

Grade	Numerical range (%)	Definition	Descriptor
A1	90-100	Exceptional	Student work is exemplary and exceeds the threshold standard for a pass by a significant margin. It displays exceptional knowledge and understanding; insight, originality and exceptional ability in analysis, evaluation, problem solving or other process skills; very high ability in professional practice skills (where relevant) including evidence of high degree of almost complete autonomy and independent judgement relative to threshold expectations.
A2	80-89	Outstanding. Significantly exceeds threshold standard for a pass	Student work significantly exceeds the threshold standard for a pass. It displays a consistently thorough, deep and extensive knowledge and understanding; originality and/or very high ability in analysis, evaluation, problem solving or other process skills; very high ability in professional practice skills (where relevant) including evidence of high degree of autonomy and independent judgement relative to threshold expectations.

A3	70-79	Excellent. Very much exceeds threshold standard for a pass	Student work very much exceeds the threshold standard for a pass. It displays a consistently thorough, deep and/or extensive knowledge and understanding; originality and/or very high ability in analysis, evaluation, problem solving or other process skills; very good conduct and high ability in professional practice skills (where relevant) including evidence of high degree of autonomy and independent judgement relative to threshold expectations.
B1	60-69	Very good. Above threshold standard for a pass	Student work is above the threshold standard for a pass at levels 11-12. It displays a consistently very good level of knowledge and understanding; high ability in analysis, evaluation, problem solving or other process skills; very good conduct and high ability in and professional practice skills (where relevant) including exercise of significant independent judgement relative to threshold expectations.
B2	50-59	Good. Meets threshold standard for a pass	Student work meets the threshold standard for a pass at levels 11-12. It displays generally good conduct, knowledge and understanding; good ability in analysis, evaluation, problem solving or other process skills; evidences highly competent performance and professional practice skills (where relevant).
C	40-49	Does not meet threshold standard for a pass	Student work fails to meet the threshold standard for a pass at levels 11-12. It displays just satisfactory conduct, knowledge and understanding in most key respects; basic competence in analysis and most other process skills; evidences a basic level of competence in professional practice skills (where relevant).
D	30-39	Well below threshold standard for a pass	Student work is well below the threshold standard for a pass at levels 11-12. It displays some knowledge and understanding but this is incomplete or partial; limited ability in analysis and other process skills; evidences lack of good conduct or partial competence in professional and practice skills (where relevant).
E	1-29	Significantly below threshold standard for a pass	Student work is significantly below the threshold standard for a pass at levels 11-12. It displays very limited knowledge and understanding; evidences very limited or no analytical or other process skills; very limited good conduct and competence over the range of professional practice skills.

N	0	No work to assess	There is no work to be assessed at first diet, or there is incomplete or no engagement with the assessment.
Grade	Numerical range (%)	Definition	Descriptor
A1	90-100	Exceptional	Student work is exemplary and exceeds the threshold standard for a pass by a significant margin. It displays exceptional knowledge and understanding; insight, originality and exceptional ability in analysis, evaluation, problem solving or other process skills; very high ability in professional practice skills (where relevant) including evidence of high degree of almost complete autonomy and independent judgement relative to threshold expectations.
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B2	50-59	Good. Meets threshold standard for a pass	Student work meets the threshold standard for a pass at levels 11-12. It displays generally good knowledge and understanding; good ability in analysis, evaluation, problem solving or other process skills; evidences highly competent performance of professional practice skills (where relevant).
C	40-49	Does not meet threshold standard for a pass	Student work fails to meet the threshold standard for a pass at levels 11-12. It displays just satisfactory knowledge and understanding in most key respects; basic competence in analysis and most other process skills; evidences a basic level of competence in professional practice skills (where relevant).
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