

## Introduction to Programming: Marking Rubric Summary

### Pass Grade

50	53	55	57
All required Tutorial and Pass tasks met at a minimum level	All required tasks met at above basic level with evidence of good reflection in portfolio submission	All required tasks met at a higher level with evidence of good design, high achievement and good reflection	All required tasks met with evidence of good design, high achievement and good reflection and evidence of going beyond basic pass requirements

### Credit Grade

60	63	65	67
All required Pass grade and Credit tasks met at a minimum level	All required tasks met with evidence of good reflection in portfolio submission	All required tasks met with evidence of good design, high achievement and good reflection	All required tasks met with evidence of good design, high achievement and good reflection and evidence of going beyond basic credit requirements

**(Nb: Marks are not given for mathematical ability or video creation ability or similar abilities - just for meeting the unit outcomes).**

### Distinction Grade

70	73	75	77
All required Credit Grade and Distinction tasks met at a minimum level with a custom program	All required tasks met with evidence of good reflection in portfolio submission with a basic custom program above the minimum requirements (eg: complexity, features and/or API use).	All required tasks met with evidence of good design with advanced features such as complex pointer or data structure use (particularly in custom code), high achievement (in terms of demonstrating programming that meets the unit outcomes) and good reflection	All required tasks met with evidence of good design (particularly in custom code), high achievement (in terms of demonstrating custom code programming that meets that uses or creates libraries and/or advanced design features along with high complexity) and good reflection with evidence of going beyond basic distinction requirements in all tasks and the custom code.

### High Distinction (Band 1)

80	83	85	87
All required Distinction Grade and HD tasks met at a minimum level with a custom program	All required tasks met with evidence of good reflection in portfolio submission with a basic custom program above the minimum requirements (eg: Abstraction and/or data driven)	All required tasks met with evidence of good design (particularly in custom code), high achievement (in terms of demonstrating programming concepts eg: using or creating libraries) and good reflection.	All required tasks met with evidence of good design (particularly in custom code), high achievement (in terms of demonstrating programming that meets the unit outcomes) and good reflection with evidence of going beyond basic high distinction requirements in all tasks and in the custom program (eg: using design patterns in complex code with advanced features).

### High Distinction (Band 2)

90	93	95	97+
All required HD Grade Band 1) tasks met at a least medium (85) level with a basic project and a custom project.	All required tasks met with evidence of good reflection in portfolio submission and custom code with abstraction and or data-driven as well as a basic project (eg: tutorial notes or video) that demonstrates research into the literature and some code development	All required tasks met with evidence of good design (particularly in custom code), high achievement (in terms of demonstrating programming concepts eg: using or creating libraries) and good reflection and a project that demonstrates advanced research into the literature and analysis and/or some basic experiments.	All required tasks met with evidence of good design in a custom program with high complexity, high achievement (in terms of demonstrating task outcomes that are beyond the basic task outcomes) and good reflection that explains any going beyond basic high distinction requirements (eg: use of design patterns) and a project that demonstrates advanced literature research and high level analysis and/or systematic experiment to support an argument or hypothesis.