



CMP1013 Introduction to Programming Assignment 1

Learning Outcome	Criterion	3	2ii	2i	1
implement programs consisting of multiple procedures	Use multiple routines in the development of a simple software solution	Program/part program successfully compiles but on execution may only partially match the specification. A basic interface is presented. Source code layout and commenting are sufficient if rudimentary. No/Limited error recovery is evident.	Program successfully compiles and executes with basic error recovery. The solution generally matches the specification. An interface is presented that meets most user and results requirements. Source code layout and commenting is acceptable.	The program successfully compiles and executes with good error recovery. The solution generally matches the specification. An interface is used that meets user and results presentation requirements. Source code deploys best practice documentation standards for easy understanding and maintenance.	The program compiles without errors and on execution is robust in the face of errors with graceful recovery. The solution matches the specification fully. An interface is used that meets user and results presentation requirements well. Source code deploys best practice documentation standards for easy understanding and maintenance.
use simple testing techniques to evaluate programs	Describe the basic principles of software testing	Limited, vague, account, perhaps with occasional errors of fact	Some discussion, with a few lapses of detail	Reasonable account, however, occasional lapse of important elements	A succinct, accurate, balanced account of white and black box testing is evident
	Generate white box testing data for a simple fragment of code	Some data identified but not complete coverage, occasional errors	Some test data correct but not complete coverage	Near complete coverage of the requisite test data	Complete coverage of the requisite test data