Assessment Brief for Programming in C –

Resit (Sudoku)

Assessment information	
Unit name	Programming in C
Unit code	COMSM1201
Assessment number	N/A
Assessment name	Resit (Sudoku)
Assessment prepared by	Neill Campbell
Assessment type	Coursework / Take-home Exam
Credit value	**100%** 60% : Contraint Propogation version. 30% : Version capable of solving 'hard' problems. 10% : Extension.
Expected time to complete	3 weeks, working ~50% of your time, approximately.
Submission format	Via Blackboard – **one .zip** file. You can submit as often as you like, old files are automatically overwritten. I'll only mark your latest submission. Any submissions that are late (even by 1 second) are automatically given a late penalty; my feedback will not show this.
Deadline	As announced by the School / Faculty, but probably 16th August (or 23rd if allowed 7 day extension)
Deliverable	One .zip file containing all three exercises: 1) (See main PDF description) Souce code allowing me to build your code. 2) Makefile and other files you deem necessary including a .txt 3) Makefile and other files you deem necessary including a .txt
Learning outcomes being assessed	• To be able to write a program, given a brief specification that compiles and executes correctly. • To use an ADT and test it. • The ability to program in the C90 (ANSI) C standard, and in the style outlined in the house-style guidelines. Use of arrays , enumeration and structures. • To be able to build a program from a suite of small, well tested functions. • To be able to design, build & debug simple programs on your own without TA/staff support.
Assessment criteria	Conformance to the house-style guidelines, testing, short readable functions. Does it execute correctly ?
Additional resources	WARNING : Blackboard is expected to be down from Friday 30th July – Tuesday August 3rd. Any files/resources you are likely to need should be downloaded before this.
Support for this assignment	From 27th July I'll run a "Resit" Forum on the COMSM1201 Teams site for some basc Q&A.
Additional advice to students	Implement the basic functionality first (e.g. creating boards and reading from file).
Feedback information	
Useful previous feedback	Peer Assignment, Forest Fire, Bookcases, ADTs, Parsing
Future feedback use	N/A