

Assignment 1

Assignment task

1. Using your knowledge that you have developed in the last weeks, design a simple phone book applet or application to input, retrieve or amend data according to the following specification:
 - a. Use the Graphical mode to create a frame that contains three fields.
 - The first one is for the name in your phone book.
 - The second is for the telephone number.
 - The third field is for the Ext. should the name has extension number.
 - b. Make checks on all fields to accept text in the first and second fields and number in the third.
 - c. You may make the front frame according to your test but try not to use your name. You may use your UoB number instead should you wanted to display the Author.
 - d. Save the information to a file with a check whether the filename exist. If not then a new file will be created saving the new data to it; otherwise the data will be appended to an existing file.
 - e. The end user should be able to access the data from the file, search, edit for changing and save changes.
2. You should submit:
 - a. Your source code java files.
 - b. Your compiled classes file.
3. The Database class

Using the provided program skeleton, this class will use a 3d array that maintains a list of people names, their corresponding numbers and extensions.

The class will also use the provided methods to allow the user to **edit** names and numbers in the database.
4. Submission method

This assignment should be submitted using the university server:
["\\NTHomes.inf.brad.ac.uk\cwsubmit\CY0214M"](ftp://\NTHomes.inf.brad.ac.uk\cwsubmit\CY0214M) You should be able to copy files to "<your username>" directory from within the campus or you may use FTP to: [ftp.inf.brad.ac.uk/](ftp://ftp.inf.brad.ac.uk/) then
"cd /home/cwsubmit/CY0214M/<your username>" from anywhere using the send and/or other commands (type "help" in the ftp screen to access all available commands).

The programme will be stored in the main directory.

Programmes and reports can only use your **student ID number** and the **module code**. Not your name.

Any files that contain a virus will not be marked.

This element of the assignment will account for **70%** of the Assignment 1 mark.

5. You will prepare pseudo code documents for the above programmes and each will be submitted as **soft copy** in the same place as above along with your program. Please use either MS Word to write your document or save your document in RTF if you will use different word processor.

This will be marked as follows:

Presentation	10%
Content	20%

Along with the 70% on the program, all will be 100% for this first assignment. The second assignment will also be marked 100% but each will represent 50% of the final module mark.

6. Submission date and time.

Monday 7th November 2005 by 3.00 p.m.

Copying, plagiarism and late submissions

The standard procedure for work that is suspected of not being original will be reported to the Dean of Informatics for decision.

Late submissions without good cause will be marked but awarded a mark of 0% irrespective of the mark awarded on merit.

Lecturers are not permitted to grant extensions to submission date and time.

Extensions to submission dates can only be granted by the approval of the Head of Department using the appropriate forms.

Submissions not received in the appropriate directory by the stated date and time will be deemed to be a non submission. **Please note that all been controlled by computer and you will not be able to log in to your directory after the above stated date and time.**