

CA03 -- Dynamic allocation

1. Download and compile the **rsstatic.c** file from moodle.
2. Modify the code, replacing static allocation with dynamic allocation.
3. Now modify the code so that it takes a file name on the command-line, instead of a file name hard-wired into the program source code.
4. Now modify the code so that it loads the data from a number of file names, and appends the data from each new file onto the end of the array you have already allocated. (You will need **realloc()** function for this).
5. Modify the code: Write a function to find the number of students with student numbers greater than 1000.