LAB ACTIVITY # 1 [12 Points]

Write a C program that demonstrates your understanding of, all the following features:

- #define
- enums
- pointers and pointer arithmetic
- addresses
- unions
- sizeof
- Uses at least two command line arguments as integers
- a function that creates and returns a 1D array
- passing a 1D array as a parameter to a function
- a function that returns two separate integers as out parameters
- 2D arrays

Fill in the missing parts of the following framework (available from the course Moodle page as c-example-skeleton.c)

Note: Your program must compile and run without errors on the Tome macs. Please test it there before submitting.