1. I chose to do the 1D partition. I ended up creating horizontal slices of A and vertical slices of B.
2. I wrote a simple Python3 script. It writes a file that outputs random numbers generated from a to b inclusively. The file’s numbers are separated by a space. Every time there is a new row, a new line character is appended to the string. See example below:

0 8 7

7 2 9

6 3 4

1. I simply modified the supplied matrix sequential code from class to accept file input in my format listed about. I verified the answer with an online tool as well. Filename: matrix-seq.c
2. I tried to complete it, but never got the code working. It performs an abort trap somewhere after do the multiplication on each slice. However, in the attached matrix.c, you can see my code.