Week 9 Programs:

1. Write a program in CUDA to add two matrices for the following specifications:
    - Each row of resultant matrix to be computed by one thread.
    - Each column of resultant matrix to be computed by one thread
    - Each element of resultant matrix to be computed by one thread

2. Write a program in CUDA to multiply two matrices for the following specifications:
    - Each row of resultant matrix to be computed by one thread.
    - Each column of resultant matrix to be computed by one thread
    - Each element of resultant matrix to be computed by one thread

CUDA Additional Exercises:

1. Write a CUDA program to perform linear algebra function of the form $y=\alpha x+y$, where x and y are vectors and α is a scalar value
2. Write a CUDA program to sort every row of a matrix using selection sort
3. Write a CUDA program to perform odd even transposition sort in parallel