CSC 7220: Parallel Computing II: Algorithms and Applications
ECE 7610: Advanced Parallel and Distributed Systems
Homework 4
Winter 2023

Assigned on: Monday March 20, 2023

Due on: Monday March 27, 2023, 2:30pm

Description: Write an MPI program that implements the hypercube bitonic sort algorithm
(see pages 392-393). The program should be tested using a sequence of 64 integers
(from 1 to 64, initially not sorted) and 8 processes. The number of elements
assigned to each process is 8.
The program must be executed on the Wayne State Grid system.
You should record the output of your programs in a file called `output.txt` using
the `script output.txt` command.

Submission: You should submit via Canvas (HW3 module) a zip file containing
the source of the program and `output.txt`.