



Department of Electrical and Computer Engineering
North South University

Assignment 2: Implementation of heap sort algorithm
Semester: Fall 2020
Sections: 1, 2, 3, 9
Due Date: 9th December 2020

In this assignment, you are required to (1) write pseudocodes and (2) implement them using a high level programming language of your own choice. You need to implement the heap sort algorithm which can be used to sort an array of integers in **non-increasing** order. Your report should include a pdf file containing pseudocodes and codes of heapsort algorithm along with all associated procedures (such as BUILD-MIN-HEAP and MIN-HEAPIFY procedures).