



Data Structures and Algorithms

Lab 7 - Heaps

November 29, 2020

Objectives: In this lab, you will

- Read Lecture 11 - Heaps
- Finish up the member functions for the MinHeap class.

1 Assignment 1

Read Lecture 11 - Heaps https://piazza.com/class_profile/get_resource/kep5dhl8y0wss/ki1muh2x6w1bf

2 Assignment 2

Using the provided MinHeap class (*MinHeap.h*), implement two member functions *percolateUp()* and *percolateDown()*. The source code can be found on github https://github.com/kiencnguyen/IUH_DSA/tree/master/Lab_07

- MinHeap.h
- min_heap.cpp
- README.md

```
void percolateUp(int index)
{
    // Implement this member function
}

void percolateDown(int index)
{
    // Implement this member function
}
```