

## Lab # 10

### Heap

---

1. Using the given heap.java and PriorityQ.java to test three scenarios that are add() and pop() 100, 10000 and 1,000,000 randomly generated integers. Plot the time used in each scenario.
2. Modify the MaxIntHeap class to reverse the order of the original heap.java file.

#### **How to submit:**

Submit the jar file of your chart and project (the jar file must include all your java files and test cases) to Courseville (all files must be together inside the jar file and name your jar file **YourID\_Lab10\_Heap** where YourID is your student ID).