Lab 3 - Heap

Wenqiang Ruan & Chuanwang Wang

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Introduction

This lab is designed to help you get familiar with **heap**, a useful data structure. Your task in this lab is to implement a heap **individually**, and solve a problem with the heap.

Specification

Every day, cows of **AD Farm** go and eat grass on the grassland of **CT Farm**. In order not to be noticed, only **K** cows can eat grass at the same time. Each cow has its **arrival time** and **eating time**. The input stream consists of ordered pairs of **arrival time** and **eating time** for each cow, sorted by arrival time.

Submission

Deadline: **In class (100) or 12 Oct 2020 23:59 (60)**. Any uploads after 12 Oct 2020 23:59 will get **ZERO** point.

Create a zip file named **StudentID-StudentName-Lab03.zip** that contains your code project and upload your zip file to **https://wss.pet/s/3oju99y3y5k (password:2358)** . Enter **StudentName** in the *Your Name* field.