

Project 1

Max-Heap by using sift-down method:

- a) Writing the **python code** to find the **max-heap** for an array $(1, 2, 3, \dots, 24, 25)$ by using the sift-down method.
- b) **Extension:** Writing the **python code** to find the **max-heap** for any array $(d_1, d_2, d_3, \dots, d_{24}, d_{25})$ with size 25 by using the sift-down method.

Remark:

- Project code due by 11:59pm on October 11 of 2023