Tutorial of week 12, Nov. 24, 2023

**This week’s tutorial is attendance-based. Submit your code AND sign the attendance sheet.**

**Task:** Convert any given array into a heap using two methods: insertion based and heapify based. The pseudocodes were described yesterday and can be found in the note of heap. A shell program is provided in the folder for this tutorial.

When you implement the heapify-based heap construction, output “heapify(H,i)” for each called heapify function using this function: *cout<<”heapify(H”<<i<<”)”<<endl*. Study how the heapify function is called.