

CS3230 Semester 1 2025/2026  
Design and Analysis of Algorithms

**Tutorial 12**  
**Finale**  
**For Week 13**

Document is last modified on: November 10, 2025

## 1 Remarks

This is the last tutorial 12. This is an optional revision tutorial where we will go through 5 LeetCode tasks that cover as many CS3230 topics as possible.

## 2 Tutorial 12 Questions

Discuss the following LeetCode task during tutorial:

TA can choose to discuss in high-level only or show the partial/full code (in C++/Python/Java)

There are CS3230-specific follow-up questions for each task.

1. heaters
2. maximum-score-from-performing-multiplication-operations
3. most-profit-assigning-work
4. online-stock-span
5. target-sum

## 3 Postlude

As this is the really last tutorial of CS3230 S1 AY 25/26. If TA has not done class photo last week and want to do it this week, please do so.

All the best for your final assessment on Tue, 25 Nov 25, 9.00-11.30am.