

Algorithms, Spring 2022 at CIS – Homework 1

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February 26, 2022

Please answer the following questions and submit a **pdf** file to neoscholar education platform before **2022/3/5 23:59pm**. Write the DP recurrence and running time for each of these problems, you do not need to implement your solutions.

Problem 1

<https://leetcode.com/problems/house-robber/description/>

Problem 2

<https://leetcode.com/problems/predict-the-winner/description/>

Problem 3

<https://leetcode.com/problems/edit-distance/description/>