🌐
Explore

☰ ▣ educative

⚙ 📋

🗇
Tracks

▢
My Courses

☕
Edpresso

👤+
Refer a
Friend

Grokking the Coding Interview: Patterns for Coding Questions

80% completed   ⟳

🔍 Search Course

Introduction ⌃

● Who should take this course?
(/courses/grokking-the-coding-interview/RMyv02ylw2q)

● Course Overview
(/courses/grokking-the-coding-interview/xl0ElGxR6Bq)

Pattern: Sliding Window ⌃

● Introduction
(/courses/grokking-the-coding-interview/7D5NNZWQ8Wr)

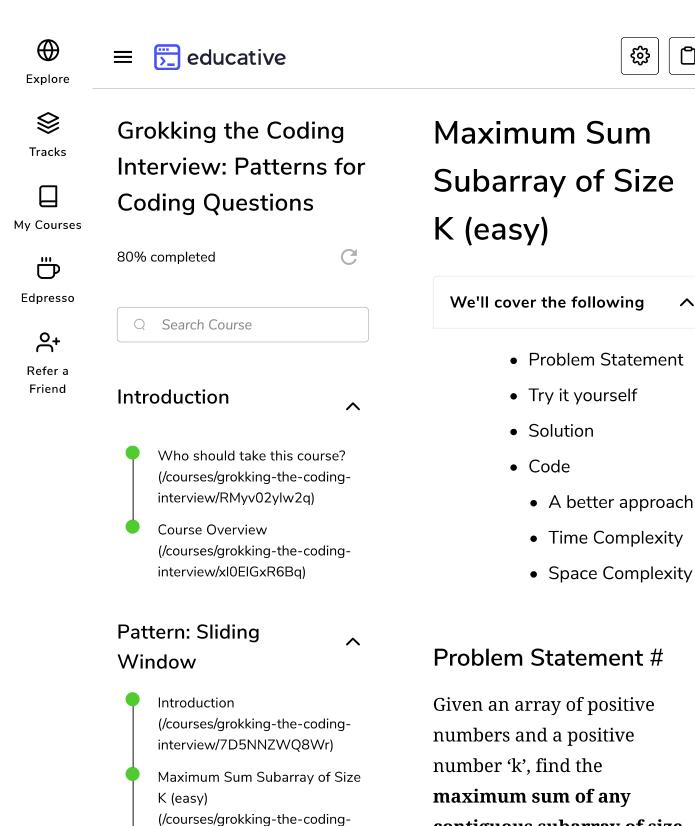● Maximum Sum Subarray of Size K (easy)
(/courses/grokking-the-coding-interview/JPKr0kqLGNP)

● Smallest Subarray with a given sum (easy)
(/courses/grokking-the-coding-interview/7XMlMEQPnnQ)

● Longest Substring with K Distinct

➕
Create

Maximum Sum Subarray of Size K (easy)

We'll cover the following ⌃

- Problem Statement
- Try it yourself
- Solution
- Code
  - A better approach
  - Time Complexity
  - Space Complexity

Problem Statement

Given an array of positive numbers and a positive number 'k', find the **maximum sum of any contiguous subarray of size 'k'**.

Example 1:

Inpu
t: [2, 1, 5, 1, 3, 2] k=

Grokking the Coding

Explore

Interview: Patterns for

Coding Questions

Tracks

80% completed

My Courses

Edpresso

Introduction   ^

Refer a
Friend Who should take this course?
        (/courses/grokking-the-coding-
        interview/RMyv02ylw2q)

        Course Overview
        (/courses/grokking-the-coding-
        interview/xl0EIGxR6Bq)

Pattern: Sliding   ^
Window

        Introduction
        (/courses/grokking-the-coding-
        interview/7D5NNZWQ8Wr)

        Maximum Sum Subarray of Size
        K (easy)
        (/courses/grokking-the-coding-
        interview/JPKr0kqLGNP)

        Smallest Subarray with a given
        sum (easy)
        (/courses/grokking-the-coding-
        interview/7XMlMEQPnnQ)

        Longest Substring with K Distinct

Create