

Introduction

Any problem that asks us to find the top/smallest/frequent 'K' elements among a given set falls under this pattern.

The best data structure that comes to mind to keep track of 'K' elements is **Heap** ([https://en.wikipedia.org/wiki/Heap_\(data_structure\)](https://en.wikipedia.org/wiki/Heap_(data_structure))). This pattern will make use of the Heap to solve multiple problems dealing with 'K' elements at a time from a set of given elements.

Let's jump onto our first problem to develop an understanding of this pattern.

[← Back](#)[Next →](#)[Solution Review: Problem Challenge 1](#)[Top 'K' Numbers \(easy\)](#)[!\[\]\(cf531ed27e91483460120fcc057b3901_img.jpg\) Mark as Completed](#)[Report an Issue](#)[Ask a Question](#)https://discuss.educative.io/tag/introduction__pattern-top-k-elements__grokking-the-coding-interview-patterns-for-coding-questions