

Lec 14 Vectors

Basics

- `vector<type> name;`
- pass vector by reference is more efficient;
- if you don't want to change the vector, then add `const`.

Exercise 1

- Rotate an array of n elements to the right by k steps.
- For example, with $n = 7$ and $k = 3$, the array $[1, 2, 3, 4, 5, 6, 7]$ is rotated to $[5, 6, 7, 1, 2, 3, 4]$.
- `void rotate(vector<int>& nums, int k){}`