#15 Days of Coding Challenge
#Day 15

Kth largest element in an array
#Leetcode 215

Solution:

```cpp
class Solution {
public:
    int findKthLargest(vector<int>& nums, int k) {
        priority_queue<int,vector<int>,greater<int>> pq(nums.begin(),nums.begin()+k);

        while(k<nums.size()){
         if(pq.top()<nums[k]) {
           pq.pop();
           pq.push(nums[k]);
         }
         k++;
        }
        return pq.top();
    }
};
```

Time Complexity: O(n^2)
Space complexity: O(1)