



## DAY 1

### Problem 9: [3Sum](#)

#### Code:

```
class Solution {
public:
    vector<vector<int>> threeSum(vector<int>& nums) {
        int target = 0;
        sort(nums.begin(), nums.end());
        set<vector<int>> s;
        vector<vector<int>> output;
        for (int i = 0; i < nums.size(); i++){
            int j = i + 1;
            int k = nums.size() - 1;
            while (j < k) {
                int sum = nums[i] + nums[j] + nums[k];
                if (sum == target) {
                    s.insert({nums[i], nums[j], nums[k]});
                    j++;
                    k--;
                } else if (sum < target) {
                    j++;
                } else {
                    k--;
                }
            }
        }
        for(auto triplets : s)
```

```
        output.push_back(triplets);  
    return output;  
}  
};
```

### Output:

