Our Solution(s) Run Code

Solution 1

```cpp
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#include <vector>
#include <algorithm>
using namespace std;

// O(n^2) time | O(n) space
vector<vector<int>> threeNumberSum(vector<int> array, int targe
  sort(array.begin(), array.end());
  vector<vector<int>> triplets;
  for (int i = 0; i < array.size() - 2; i++) {
    int left = i + 1;
    int right = array.size() - 1;
    while (left < right) {
      int currentSum = array[i] + array[left] + array[right];
      if (currentSum == targetSum) {
        triplets.push_back({array[i], array[left], array[right]
        left++;
        right--;
      } else if (currentSum < targetSum) {
        left++;
      } else if (currentSum > targetSum) {
        right--;
      }
    }
  }
  return triplets;
}

```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```cpp
#include <vector>
using namespace std;

vector<vector<int>> threeNumberSum(vector<int> array, int target
  // Write your code here.
  return {};
}

```

Our Tests

Custom Output Submit Code

Run or submit code when you're ready.