Our Solution(s)

Run Code

Solution 1   Solution 2   Solution 3

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

// O(n^2) time | O(1) space
vector<int> twoNumberSum(vector<int> array, int targetSum) {
  for (int i = 0; i < array.size() - 1; i++) {
    int firstNum = array[i];
    for (int j = i + 1; j < array.size(); j++) {
      int secondNum = array[j];
      if (firstNum + secondNum == targetSum) {
        return vector<int>{firstNum, secondNum};
      }
    }
  }
  return {};
}
```

Your Solutions

Run Code

Solution 1   Solution 2   Solution 3

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

vector<int> twoNumberSum(vector<int> array, int targetSum) {
  // Write your code here.
  return {};
}
```

Our Tests

Custom Output

Submit Code

```cpp
#include <vector>
```

Run or submit code when you're ready.