

Workflow

Name:	08.01
Points:	4 pts
Deadline:	04/26
Prerequisite(s):	none

Main

1. Create a header file named **w0801.h** that defines a bool function named **TwoSum()** whose header is

```
bool TwoSum(Array<int>& a, Array<int>& b, int target)
```

Given that the values of *a* and *b* are between 1 and 100 inclusively, if *target* is a positive integer at most 200 and it is the sum of an element from *a* and an element from *b*, the function returns true; otherwise, the function returns false. Furthermore, the function must have a linear big-O runtime [$O(n)$ where n is the maximum length of the two arrays].

Test

2. Create a cpp file named **main.cpp** that calls **TwoSum()** twice and display the output of each call. One call should return true while the other should return false.