

CIS 15 Spring 2010 Lab VI.2

1. A first template function

- Write a template function `sum` which takes two arguments and returns their sum.
- Use `sum` to add up two integers and two doubles.
- Then, using the overloaded addition operator from lab V.4, use `sum` to add up two `complex` numbers.

2. A second template function.

- Write a template function `add-up` which takes as its argument an array, and returns the sum of the elements in the array.
- You can, of course, do this easily if you make use of `sum` from the previous question.
- Test the function with arrays of integers, doubles and `complex` numbers.