SaC lab 02

1 Task 1

The function + takes two arrays of **identical shape** and computes an array that contains the element-wise addition. Define a function `my_add` that defines an element-wise addition for two arrays of doubles even if the shapes of the two arguments do not match. Come up with a sensible definition of the result!

2 Task 2

Create a module `MyArray` that supplies the full functionality of the module `Array` but contains your definition for + from Task 1.

3 Task 3

Using the tar archive from the course's website as a starting point, attempt the following exercises from the tutorial:

1. Exercise 29: 1.-4.

2. Exercise 30

3. Exercise 31 [Note here that StencilTier3.sac is already complete :-)]

Hand-out: 14/03/2014