# Structures Worksheet 2

1. Structure inside structure.

2. Different ways of creating variables of the structures (see powerpoint)

3. Create a struct for a Vector with x and y values. Write tests to add and subtract vectors.

4. Create a struct for a fraction with a numerator and denominator. Write tests that add, subtract, multiply and divide fractions of the same denominator.

5. Make sure you understand how the compiler is allocating memory and how it organises the structure. This will come up later when we look at pointers.

6. Continue with the fractions code allow different denominators.

Use the following link for fraction rules and for test data:

https://www.mathsisfun.com/worksheets/fractions.php