Problem Set on Templates

1. Create a class Group which contains the following methods (i) count, (ii) add, (iii) remove, (iv) find. Make sure it works with integer data type.

2. Now modify the above class to use templates.

3. Instantiate it with various data types: string, double, pair, user-defined class.

4. Add another template parameter to Group to support return type of count() to be a non-integer (such as string or complex).

5. Instantiate the two-parameter class with different types and make sure it works.