# Algorithms & Data Structures :

# Lab 4: Week beginning 6th February, 2023

**Sort and search methods of Arrays and Collections classes**

1. You have been given class Town and TownSortDemo classes. Towns are sorted in order of population and then if two towns have the same population, sort them by county.

2. Look at binarySearch() method of Arrays class. Using the code for Q.1., use binarySearch() to search an array for a town by name.

3. Look at binarySearch() method of Collections class. Using the code for Q.1., use binarySearch() to search an ArrayList for a town by name.