Code Challenge: Electoral Data

The candidate will be given electoral data expressed in CSV format.

The columns are:

1. County code
2. District code
3. Ward code
4. Area Name

Example:

43,,,Surrey County

43,UB,,Elmbridge District (B)

43,UB,FZ,Claygate Ward

43,UB,GA,Cobham and Downside Ward

43,UB,GB,Cobham Fairmile Ward

43,UB,GC,Esher Ward

43,UB,GD,Hersham North Ward

43,UB,GE,Hersham South Ward

43,UB,GF,Hinchley Wood Ward

43,UB,GG,Long Ditton Ward

43,UB,GH,Molesey East Ward

43,UB,GJ,Molesey North Ward

43,UB,GK,Molesey South Ward

43,UB,GL,Oatlands Park Ward

43,UB,GM,Oxshott and Stoke D'abernon Ward

43,UB,GN,St. George's Hill Ward

43,UB,GP,Thames Ditton Ward

43,UB,GQ,Walton Ambleside Ward

43,UB,GR,Walton Central Ward

43,UB,GS,Walton North Ward

43,UB,GT,Walton South Ward

43,UB,GU,Weston Green Ward

43,UB,GW,Weybridge North Ward

43,UB,GX,Weybridge South Ward

43,UC,,Epsom and Ewell District (B)

43,UC,FP,Auriol Ward

43,UC,FQ,College Ward

43,UC,FR,Court Ward

43,UC,FS,Cuddington Ward

43,UC,FT,Ewell Ward

43,UC,FU,Ewell Court Ward

43,UC,FW,Nonsuch Ward

43,UC,FX,Ruxley Ward

43,UC,FY,Stamford Ward

43,UC,FZ,Stoneleigh Ward

43,UC,GA,Town Ward

43,UC,GB,West Ewell Ward

43,UC,GC,Woodcote Ward

**Objective**

1. Design class model to represent electoral Counties, Districts and Wards.
2. Open the given C# skeleton solution ‘ElectoralData’ and Implement:
   1. CSV parser.
   2. Ward Comparer to sort by name.