Exercise 1

Prepare two text files both with 100000 random strings. Every random string has random number of random alphanumeric ([0-9A-z]) symbols up to 100 symbols length

Implement own collection that may contain large numbers of strings like described above and

1. may be initialized by reading from the first file;
2. data from the second file may be appended to the collection;
3. implement a method *string Find(string s)* that returns *s* if *s* is contained in the collection or return a string from the collection that is next to s in alphanumeric order;

Exercise 2

Create DB.

Add table User (Id uniqueidentifier, FirstName nvarchar (100) not null, LastName nvarchar (100) not null, MiddleName nvarchar (100) null)

Implement an ASP.NET application to manipulate Users from this table. CRUD operation must be supported by UI. Use frameworks convenient to you. User.Id must be generated by your application.