```
        <Content>Nogo si hubava</Content>
        <SentOn>2015-10-21T09:03:53</SentOn>
      </Message>
      <Message>
        <Author>Pesho</Author>
        <Content>Zashto ne mi otgovarash?!?!?!?</Content>
        <SentOn>2015-10-21T09:04:27</SentOn>
      </Message>
    </Messages>
  </Friendship>
</Friendships>
```

Then **parse a second file named "Posts.xml" using the users from the previous file.** The format is given below. The users property is just all usernames tagged in the post, separated by comma (",").

Posts-Test.xml

```
<?xml version="1.0" encoding="utf-8" ?>
<Posts>
  <Post>
    <Content>Qm mandja</Content>
    <PostedOn>2010-02-20T09:12:45</PostedOn>
    <Users>Pesho,Gosho</Users>
  </Post>
  <Post>
    <Content>Piq bira sam</Content>
    <PostedOn>2015-08-25T19:12:25</PostedOn>
    <Users>Pesho</Users>
  </Post>
  <Post>
    <Content>Na kOpon</Content>
    <PostedOn>2010-07-02T09:12:45</PostedOn>
    <Users>Pesho,Gosho,RandomMacka97</Users>
  </Post>
</Posts>
```

PARTIAL SOLUTION: If the friendships file is too difficult for you, just parse the posts, adding the user profiles with the provided usernames and with random names and dates. Again keep in mind that usernames are unique and user profiles should be reused. You will receive points for the partial solution!

* You are free to use a XML parser by choice (or to parse the XML without using a parser).

You should correctly **import the friendships, user profiles, images, messages and posts into the DB**.

* You are free to use an ORM framework by choice (in code first).

Problem 7. Application Queries (20 points)

Implement a **C# program** searching the social network data. You are given an interface **"ISocialNetworkService"** in the **ConsoleClient.Searcher** namespace. Implement the four methods using LINQ and make sure you get the data for each method with a single query. Here are more details:

- **GetUsersAfterCertainDate** - Get Username, FirstName, LastName, and number of images for all users which registration year is greater than or equal to the provided year
- **GetPostsByUser** - Get all posts in which the user with the provided username is tagged. Select PostedOn, Content and all usernames of the tagged users in the post.