# Mock Data and Text Files

1. Go to mockaroo.com and generate a 1000 row CSV file with the following fields (in this order)
   1. id – Row number
   2. first\_name – First name
   3. last\_name – Last name
   4. email – Email address
   5. password – Password
2. Specify Windows line endings and uncheck the box next to header
3. Download and save the data
4. Create a User class that has 5 string fields corresponding to the fields in your CSV and two additional fields:
   1. bool – strongPassword
   2. int – randomValue
5. Write a UserFile class. UserFile should:
   1. Have a collection of user objects
   2. Process the CSV line by line
      1. For each line
         1. Create a temporary User
         2. Populate it with the data from the line of the file
         3. Put a random integer between 1 and 100 in the randomValue field
         4. If the password is more than 8 characters, put true in the strongPassword field, otherwise set it to false
         5. Add the User to the collection
   3. Have three print methods
      1. One that prints all users
      2. One that prints users with strong passwords
      3. One that prints users with random values greater than 50
6. Create a driver to demonstrate the functions described above