Group Assignment

<u>Name:</u> Address Book Contact Management.
<u>Deadline:</u> Wednesday afternoon.

<u>Project Summary:</u>
A Java console application that manages an address book where the contacts are saved.

<u>User Stories:</u>
1. As a user, i want to print all available contacts, so that i can view all contacts in a CSV like view ordered ascending by name then surname
2. As a user, i want to add new contact, so that i can increase my contacts list
3. As a user, i want to search contacts based on name, so that i can find the appropriate contacts in a short time.
4. As a user, I want to search contacts based on mobile numbers, so that I can find the appropriate contacts in a short time.
5. As a user, I want to edit contact based on name, so that I can modify contact information and have updated information.
6. As a user, I want to edit contacts based on mobile numbers,so that I can modify contact information and have updated information.
7. As a user, i want to delete contact based on name, so i keep my contact list clean.
8. As a user, I want to delete contacts based on phone numbers, so i keep my contact list clean.

<u>Instructions and Assumptions:</u>

- Git and GitHub repo with all members of the group
- A Trello board with the user stories and all members of the group included
- Maven project
- An addressbook class, mainrunner class, interfaces, use abstraction if you can!
- Some fields are optional like (phone, address)
- Use Interfaces and Methods available or create your own if they don't exist e.g. (comparable, comparator)
- Break the user stories to smaller tasks
- The Clients are Jafer and Leah.

<u>Project Concepts:</u>

- Use comments to make the code understandable.
- Utilize OOP concepts.
- Use Exception Handling.
- Use Collections or Arrays .
- Use BufferedReader/Writer.

- Commit and push to GitHub. (Minimum of 10 commits).

Notes:
- Presentations: Each member will present their contribution to the project. (15 Min)
- Team-work: individual submissions will not be accepted.

Groups:
- Group A: Hunter, Michael, Allison and Jessica.
- Group B: Timothy, Vicki, Veronika, and Konstantin.
- Group C: Mouloud, Eric, Jordan, Robert and Tom.
- Group D: Ashwini, Trevor, Gregory, Kedar and Brennan.
- Group E: Steve, David, Sid, Liz and Louisa.

Submissions :
- Trello Screenshot
- Github Repo Link
- README.md file in your github repo describing the project and linking this document.
- [Group Assignment](#)Link

Presentations:
1. Shoutouts. (15 secs max).
2. Demo of the working project. (For original repo holders).
3. How many tasks have you taken?
4. What was your contribution? How did you implement your code? Why?
5. What did you learn? Anything new?
6. Your Git\GitHub experience.
7. What would you improve in the project?

Address Book CSV file sample

Name,Surname,Phone,Mobile,E-mail,Street,Number,Town,Zip
Pete,Prattis,210123456,123456,pete@mail.com,Newstrt,1,Athens,1234
Adam,Adams,210234567,123987,adam@mail.com,Oldstrt,21,London,5553
Mary,Smith,21099999,999999,mary@mail.com,Thisstrt,9,Boston,5432
Prashant Barge ,Barge,908767,987678,poijadn@google.com,koli nagar,89,polish,789