



Thanks for applying to The Clearing House (TCH)! We appreciate your interest in building next generation Real Time Payment system at TCH. We request you to complete the take-home exercise to access your technical skills and problem solving approach. Submit your answers to exercise by checking them into GIT repository (GitHub, GitLab, BitBucket...) and email the link to the recruiter.

The exercise should not take you more than 2-3 hours to complete. You are provided with a dataset in CSV format that includes Bank Name, Type, City, State, Zip code. You have to design a tool that customers can use to search data. The tool should support search by different criteria. The dataset is very small, you don't have to use persistent storage.

The requirements include

1. Ingesting data from a file in CSV format
2. Searching data using different search criteria
 - a. By Zip code or State or City or Type or Bank Name
 - b. By City & State
3. Should be able to run the program on command line
4. Include a readme.txt (or readme.md) file that provides instructions to run the program, load the data, perform search. Also include your thoughts on how you would go about implementing unit and integration tests for the tool you developed.

ID	Bank Name	Type	City	State	Zip code
1	Amazing Bank	Branch	New York	NY	10018
2	Neighborhood Bank	Branch	New York	NY	10020
3	Friendly Bank	ATM	New York	NY	10020
4	Awesome Bank	Branch	New York	NY	10021
5	Amazing Bank	ATM	New York	NY	10018
6	Neighborhood Bank	ATM	Winston-Salem	NC	27105
7	Amazing Bank	ATM	Winston-Salem	NC	27106
8	Neighborhood Bank	Branch	Winston-Salem	NC	27107
9	Awesome Bank	ATM	Dallas	TX	75201
10	Friendly Bank	Branch	Dallas	TX	75201
11	Amazing Bank	ATM	Dallas	TX	75202

Please reach out to the recruiter if you have questions. Please complete the assignment and send back the link within 72 hours of receiving this email.