

## Coding Challenge – Freshers

Thank you for showing interest in us. We appreciate you taking the time to take up this challenge.

### Objective:

The key things we are looking for in your submission are:

- Good code performance (Without giving up readability). We are looking for code that is a simplistic and conventional route to the solution.
- Your ability to store and retrieve the data from various data sources.
- How exceptions and edge cases are handled.
- Your ability to build a application and full fill the use cases as required.

### Description:

You are supposed to implement the requirements provided below by creating a cli application in a programming language you choose.

You will be building a banking application. The user will be able to perform the following actions along with the needed Input.

Action	Description	Code	Inputs Needed	Sample command
Create Account	Should create a new Account with Zero Balance.	CREATE	Code ,Name	CREATE ACC001 KELP
Deposit Amount	Should add the amount to existing balance.	DEPOSIT	Code, Amount	DEPOSIT ACC001 10000
Withdraw Amount	Should reduce the amount from existing balance.	WITHDRAW	Code, Amount	WITHDRAW ACC001 10000
Show Balance	Show the current balance of the account along with Name of the account	BALANCE	Code	BALANCE ACC001

### Sample I/O

#### Input:

```
CREATE ACC001 KELP
DEPOSIT ACC001 10000
WITHDRAW ACC001 1000
CREATE ACC002 FVTPL
DEPOSIT ACC002 10000
WITHDRAW ACC002 2000
BALANCE ACC002
BALANCE ACC001
```

#### Output:

```
FVTPL 8000
KELP 9000
```

If you have any more questions, please take meaningful full assumptions, and move forward.

#### Submission Details:

Please share with us a working version of the code as public git repo along with steps to setup the app.

#### What Next?

Once you submit your solution/code to us, our team would review your submission and schedule a technical interview. You will be asked to explain your thoughts in making this app.

The interview would be beyond this challenge. We would use this interview to understand your overall technical skills.