Money Transfer Application

The application is available to download in GitHub -> https://github.com/marif88/revolut-moneyTransfer

Once it is started it can be accessed in http://localhost:8180.

There are 3 APIs available to test this application.

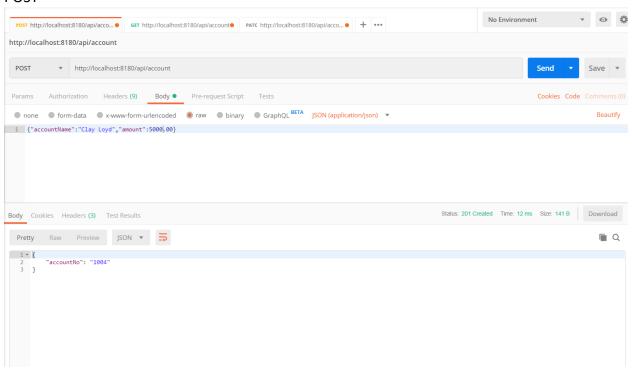
- GET -> /api/account
 - o This will list all the accounts stored in the memory
 - Sample response { "accounts": ["accountNo": 1001, "accountName": "Arif", "amount": "1599.50" }, "accountNo": 1002, "accountName": "Alex", "amount": "2500.00" }, "accountNo": 1003, "accountName": "Mohan Lal", "amount": "7644.00" }, "accountNo": 1004, "accountName": "Clay Loyd", "amount": "5000.00" }] }

- POST -> /api/account
 - This is to register the account in the memory, which accepts account name and the initial amount to be registered. The account number will be auto generated in the system and will returned as the response. For simplicity the account number is a four digit number starts with 1001
 - Sample payload it accepts{"accountName":"Alex Mathew","amount":1599.50}
 - Response it will returns the account number created.
- PATCH -> /api/account
 - This the API for money transfer, which accepts senders account number and receivers account number and the amount to be transferred. Once a successful operation the sender's account details will be returned with updated balance as response. The amount should be 10 or more than that.
 - Sample payload is look like
 {"senderAccountNo":1003,"receiverAccountNo":1002,"amount":98.98}
 - Response Senders account details with updated balance.

```
"senderAccount":{
    "accountNo": 1003,
    "accountName": "Arif",
    "amount": "1700.00"
}
```

Postman Results

1. POST

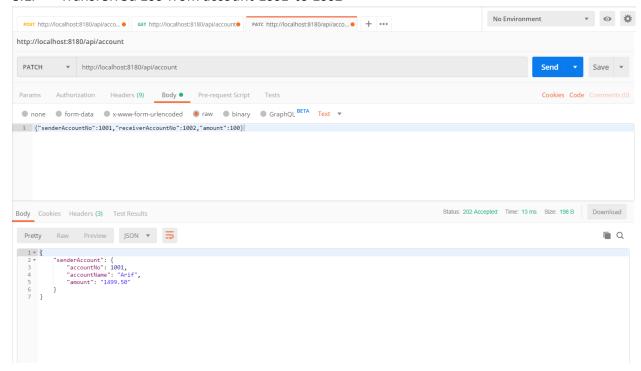


2. GET

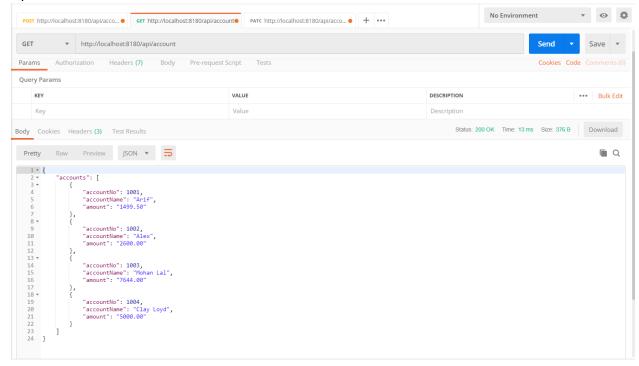
```
| No Environment | No E
```

3. PATCH

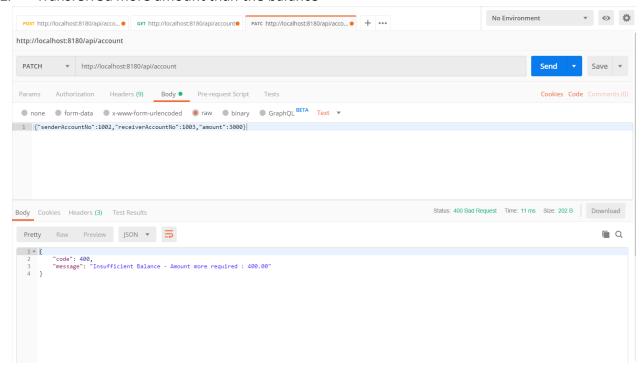
3.1. Transferred 100 from account 1001 to 1002



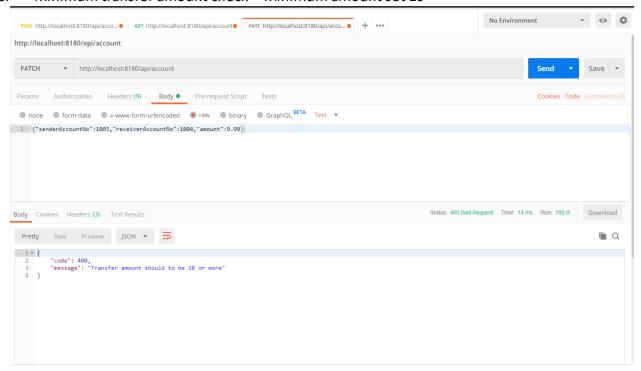
Updated Account details



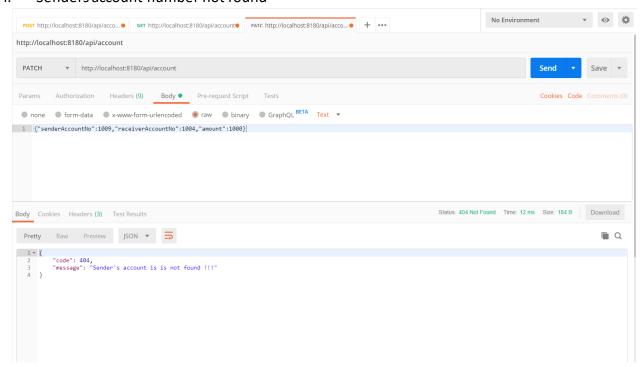
3.2. Transferred more amount than the balance



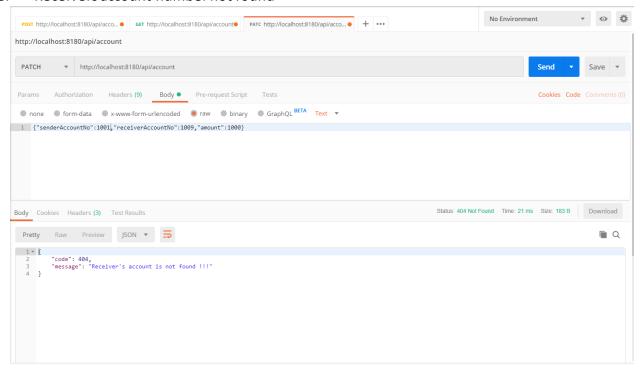
3.3. Minimum transfer amount check – Minimum amount set 10



3.4. Senders account number not found



3.5. Receivers account number not found



3.6. Senders account number and receivers account are same

