# Bank Account API

1) Get Balance

Endpoint: http://localhost:8080/BankAccount/balance

HTTP Methods Allowed: GET

HTTP Methods Not Allowed: POST, PUT, DELETE, HEAD

Client Parameters: None

Server Response:

{"amount" : "balance value"}

    for example:

{"amount":"50300.89"}

2) Deposit Amount

Endpoint: http://localhost:8080/BankAccount/deposit

HTTP Methods Allowed: POST

HTTP Methods Not Allowed: GET, PUT, DELETE, HEAD

Client Parameters:

{"amount" : "value"}

    for example

{"amount" : "200"}

Server Response:

{"response" : "value"}

for example

{"response" : "DEPOSIT_OK"}

3) Withdraw Amount

Endpoint: http://localhost:8080/BankAccount/withdraw

HTTP Methods Allowed: POST

HTTP Methods Not Allowed: GET, PUT, DELETE, HEAD

Client Parameters:

{"amount" : "value"}

for example

{"amount" : "200"}

Server Response:

{"response" : "value"}

for example

{"response" : "WITHDRAWAL_OK"}

## Account Codes

The following are response codes that are obtained upon a Deposit or Withdrawal.

EXCEEDED_MAXIMUM_DEPOSIT_PER_TRANSACTION

EXCEEDED_MAXIMUM_DEPOSIT_FREQUENCY_PER_DAY

EXCEEDED_MAXIMUM_DEPOSIT_AMOUNT_PER_DAY

DEPOSIT_OK


EXCEEDED_MAXIMUM_WITHDRAWAL_PER_TRANSACTION

EXCEEDED_MAXIMUM_WITHDRAWAL_FREQUENCY_PER_DAY

EXCEEDED_MAXIMUM_WITHDRAWAL_AMOUNT_PER_DAY

INSUFFICIENT_BALANCE

WITHDRAWAL_OK