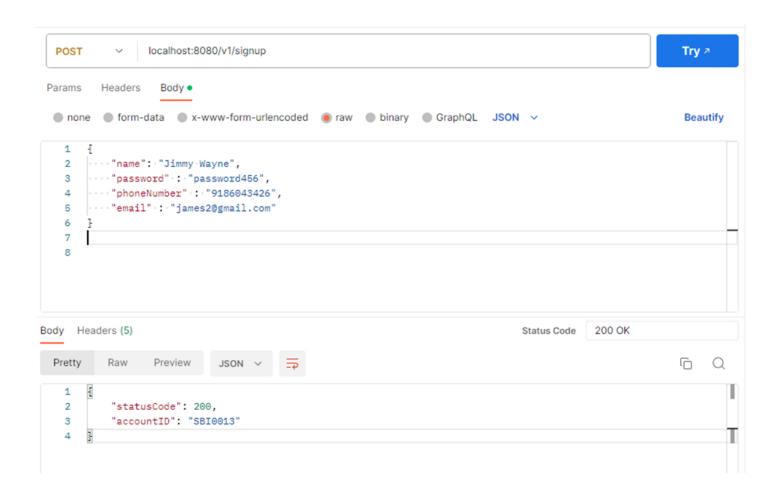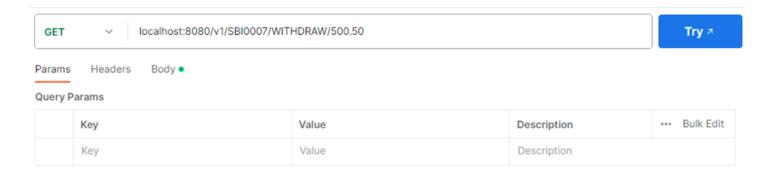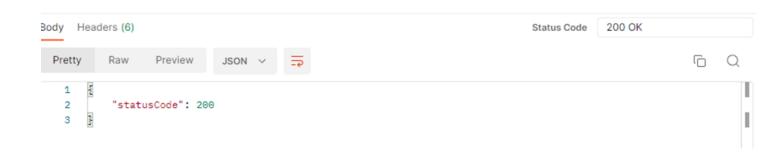# Task 4 - Endpoints

1. Login

Url : v1/login

Example:

Url : localhost:8080/v1/login

Request Body:

```
{
  "accountID": "SBI0001",
  "password" : "password123"
}
```

Response Body:

```
{
  "statusCode": 200,
  "name": "John Doe"
}
```

| POST | ∨ | localhost:8080/v1/login | | Try ↗ |

Params   Headers   Body ●

● none   ● form-data   ● x-www-form-urlencoded   ● raw   ● binary   ● GraphQL   JSON ∨   Beautify

```
1  {
2  ····"accountID":·"SBI0001",
3  ····"password"·:·"password123"
4  }
```

ody   Headers (5)   Status Code   200 OK

Pretty   Raw   Preview   JSON ∨   ⇄

```
1  {
2      "statusCode": 200,
3      "name": "John Doe"
4  }
```

2.   SignUp
Url: v1/signup
Example:
        Url: localhost:8080/v1/signup
Request Body:
        {
  "name": "Jimmy Wayne",
        "password" : "password456",
  "phoneNumber" : "9186043426",
  "email" : "james2@gmail.com"
}

Response Body:
                {
  "statusCode": 200,
  "accountID": "SBI0013"
}

POST ∨	localhost:8080/v1/signup	Try ↗

Params   Headers   Body •

● none   ● form-data   ● x-www-form-urlencoded   ● raw   ● binary   ● GraphQL   JSON ∨   Beautify

```
1  {
2      "name": "Jimmy Wayne",
3      "password" : "password456",
4      "phoneNumber" : "9186043426",
5      "email" : "james2@gmail.com"
6  }
7  |
8
```

Body   Headers (5)   Status Code   200 OK

Pretty   Raw   Preview   JSON ∨   ⇥

```
1  {
2      "statusCode": 200,
3      "accountID": "SBI0013"
4  }
```

3.   Deposit/Withdraw
Url: /{accountID}/{pay}/{amount}
Example:
        Url: localhost:8080/v1/SBI0007/DEPOSIT/500.50
            localhost:8080/v1/SBI0007/WITHDRAW/500.50
        Request Body: Null
        Response Body:
                        {
                            "statusCode":200
                        }

GET ∨	localhost:8080/v1/SBI0007/WITHDRAW/500.50	Try ↗

Params   Headers   Body ●

Query Params

Key	Value	Description	⋯ Bulk Edit
Key	Value	Description	

Body   Headers (6)   Status Code   200 OK

Pretty	Raw	Preview	JSON ∨	⇄		⎘ Q

```
1  {
2      "statusCode": 200
3  }
```

4. Transfer

Url: v1//transfer/{accountID}

Example:

Url: localhost:8080/v1/transfer/SBI0007

Request Body:
```
{
   "accountID" : "SBI0010",
   "senderName": "Jane Wayne",
   "receiverName" : "Jane Wayne",
   "amount": 500.50
}
```

Response Body:
```
{
     "statusCode":200
}
```

POST	∨	localhost:8080/v1/transfer/SBI0007	Try ↗

Params   Headers   Body ●

● none   ● form-data   ● x-www-form-urlencoded   ● raw   ● binary   ● GraphQL   JSON ∨   Beautify

```
1  {
2      "accountID" : "SBI0010",
3      "senderName": "Jane Wayne",
4      "receiverName" : "Jane Wayne",
5      "amount": 500.50
6  }
```

Body   Headers (5)   Status Code   200 OK

Pretty   Raw   Preview   JSON ∨   ⇄

```
1  {
2      "statusCode": 200
3  }
```

5.   Balance
Url: v1/balance/{accountID}
Example:
        Url: localhost:8080/v1/balance/SBI0007
        Request Body: Null
        Response Body:
{
   "statusCode": 200,
   "balance": 1501
}

GET   ∨   localhost:8080/v1/balance/SBI0007   Try ↗

Params   Headers   Body

Query Params

Key	Value	Description	⋯ Bulk Edit
Key	Value	Description	

Body   Headers (5)   Status Code   200 OK

Pretty   Raw   Preview   JSON ∨   ⇥

1 {
2   "statusCode": 200,
3   "balance": 1501
4 }

6.   TransactionHistory
Url: v1//transactions/{accountID}
Example:
        Url: localhost:8080/v1/transactions/SBI0007
        Request Body: Null
        Response Body:
[
   {
      "accountID": "SBI0007",
      "cpartyName": "Jane Wayne",
      "cpartyID": "SBI0010",
      "balance": 1501,
      "amount": 500.5,
      "transactionType": "Transfer",
      "transactionDate": "2023-11-23T03:12:53.440+00:00"
   },
   {
      "accountID": "SBI0007",

```
        "cpartyName": "SBI0007",
        "cpartyID": "SBI0007",
        "balance": 2001.5,
        "amount": 500.5,
        "transactionType": "Deposit",
        "transactionDate": "2023-11-23T01:44:08.882+00:00"
    }
]
```

💾 Save   ✏️   💬   🗑️

| GET ⌄ | localhost:8080/v1/transactions/SBI0007 | Try ↗ |

Params   Headers   Body

Query Params

	Key	Value	Description	⋯ Bulk Edit
	Key	Value	Description	

Body   Headers (5)   Status Code | 200 OK |

Pretty   Raw   Preview | JSON ⌄ | ⇄   🗐   🔍

```
 1  [
 2      {
 3          "accountID": "SBI0007",
 4          "cpartyName": "Jane Wayne",
 5          "cpartyID": "SBI0010",
 6          "balance": 1501,
 7          "amount": 500.5,
 8          "transactionType": "Transfer",
 9          "transactionDate": "2023-11-23T03:12:53.440+00:00"
10      },
```