Starting up procedure:

- Run the application.sql commands
- Change the username in application.properties if needed
- Once server started tables must be created by themselves. Below tables will be created:
    - transaction
    - transaction_history
- End points:
    - Create transaction endpoint:
        - Endpoint: POST http://localhost:8080/transactions
        - {

          ```
          "participants": ["p2", "p1", "p3"],
          "totalAmount":60,
          "payer":"p1",
          "type": "MANUALLY",
          "amountSplit": {
              "p1": 20,
              "p2": 20,
              "p3": 20
          }
          ```

          }
        - If type is EQUALLY, No need to provide amount split.
        - Response: 200 status alone
        - Validation added for most of the corner cases
    - Get Summary endpoint:
        - Endpoint: GET http://localhost:8080/summary/
        - Sample response

          ```
                  {
                      "debtTotal": 40,
                      "lendTotal": 0,
                      "transactions": [
                          {
                              "party1": "p3",
                              "party2": "p1",
                              "amount": 20,
                              "relation": "BORROWED_FROM"
                          },
                          {
                              "party1": "p3",
                              "party2": "p2",
                              "amount": 20,
                              "relation": "BORROWED_FROM"
                          }
          ```

```
        ]
    }
```

  - Get history endpoint:
    - Endpoint: GET http://localhost:8080/history/?limit=2
    - Sample Response :

```
[
    {
        "party1": "p3",
        "party2": "p2",
        "amount": 20,
        "relation": "BORROWED_FROM"
    },
    {
        "party1": "p3",
        "party2": "p1",
        "amount": 20,
        "relation": "BORROWED_FROM"
    }
]
```

Notes:

1. If you try to run from eclipse then remove exclusion of application.properties file in the project properties.