

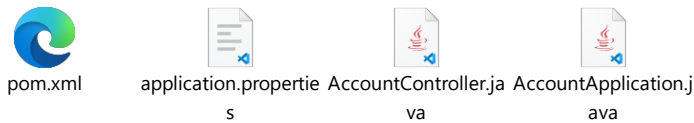
2. Microservices with API gateway

Creating Microservices for account and loan

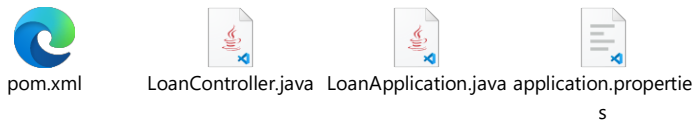
In this hands on exercise, we will create two microservices for a bank. One microservice for handling accounts and one for handling loans.

Each microservice will be a specific independent Spring RESTful Webservice maven project having it's own pom.xml. The only difference is that, instead of having both account and loan as a single application, it is split into two different applications. These webservices will be a simple service without any backend connectivity.

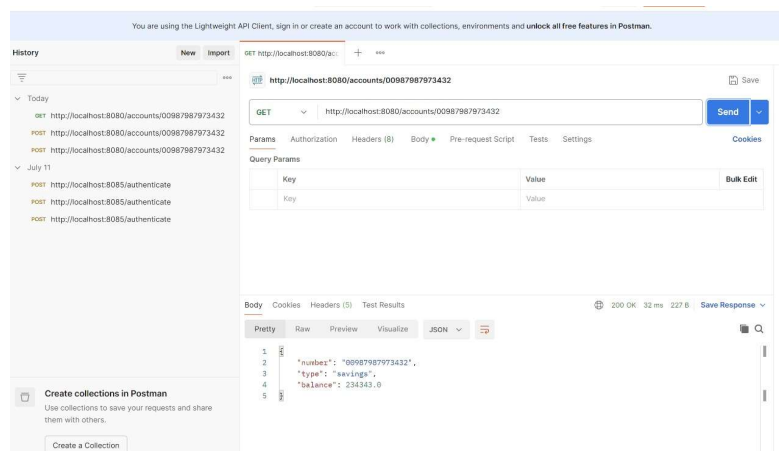
Accounts:



Loans:



Output-1:



Output-2:

You are using the Lightweight API Client, sign in or create an account to work with collections, environments and unlock all free features in Postman.

History

NewImport

GET http://localhost:8081/loans/H00987987972342

Today

- GET http://localhost:8081/loans/H00987987972342
- GET http://localhost:8080/accounts/00987987973432
- POST http://localhost:8080/accounts/00987987973432
- POST http://localhost:8080/accounts/00987987973432

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- POST http://localhost:8085/authenticate
- POST http://localhost:8085/authenticate
- POST http://localhost:8085/authenticate

Create collections in Postman

Use collections to save your requests and share them with others.

Create a Collection

GET http://localhost:8081/loans/H00987987972342

Save

GET http://localhost:8081/loans/H00987987972342

Send

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettingsCookies

Query Params

Key	Value	Bulk Edit
Key	Value	

BodyCookiesHeaders (5)Test Results

200 OK330 ms246 BSave Response

PrettyRawPreviewVisualizeJSON

```
1  {
2    "number": "H00987987972342",
3    "type": "car",
4    "loan": 400000.0,
5    "emi": 3258.0,
6    "tenure": 18
7  }
```