SETUP

- <u>Setup to Run application on Local Machine [Eclipse/Intellij]</u>

  o Download Eclipse JEE

  o Install spring tool suite and cucumber plugin from eclipse marketplace

  o Import unzipped application into eclipse (File -> Import -> Import Existing Maven Project -> select Project folder)

  o Run project as spring boot app

- <u>Setup to Run application on Local Machine [Docker Image]</u>

  o Pull Docker images

  ➢ sgdockerprivate/registration-login-update-service.jar

  ➢ sgdockerprivate/loan -service.jar

  o Run docker images

How to Run

- After setup Go to postman

- **REGISTER**: localhost:8083/register (postmapping)
  Enter JSON data in following format in the Body
  ```json
  {
          "userid": 103,
          "pan": "BYAPG1290J",
          "name": "TestName",
          "password": "password",
          "address": "411 ABC Building",
          "state": "Arizona",
          "country": "USA",
          "email": "testname123@gmail.com",
          "contactNo": "4588963781",
          "accountType": "Savings"
  }
  ```

- **LOGIN:** localhost:8083/login (postmapping)
  Enter JSON data in following format in the Body
  ```json
  {
      "userid": 103,
      "password": "password"
  }
  ```

- **UPDATE (ADDRESS):** localhost:8083/update/address (postmapping)
  Enter JSON data in following format in the Body
  ```json
  {
      "Address":"22!1B Main Street",
      "state":"New York",
      "country":"USA"
  }
  ```

- **UPDATE (CONTACT DETAILS):** localhost:8083/update/contact (postmapping)
  Enter JSON data in following format in the Body
  ```json
  {
      "contactNo":"411786009"
  }
  ```

- **UPDATE (EMAIL):** localhost:8083/update/email (postmapping)
  Enter JSON data in following format in the Body
  ```json
  {
      "email":"test2Name@gmail.com"
  }
  ```

- **APPLY LOAN:** localhost:8082/applyloan (postmapping)
  Enter JSON data in following format in the Body

```
{
    "loanId":9003,
    "pan":"BYAPG1352M",
    "loanType":"Education",
    "loanAmount":150000,
    "monthlyIncome":40000,
    "roi":6,
    "duration":4
}
```

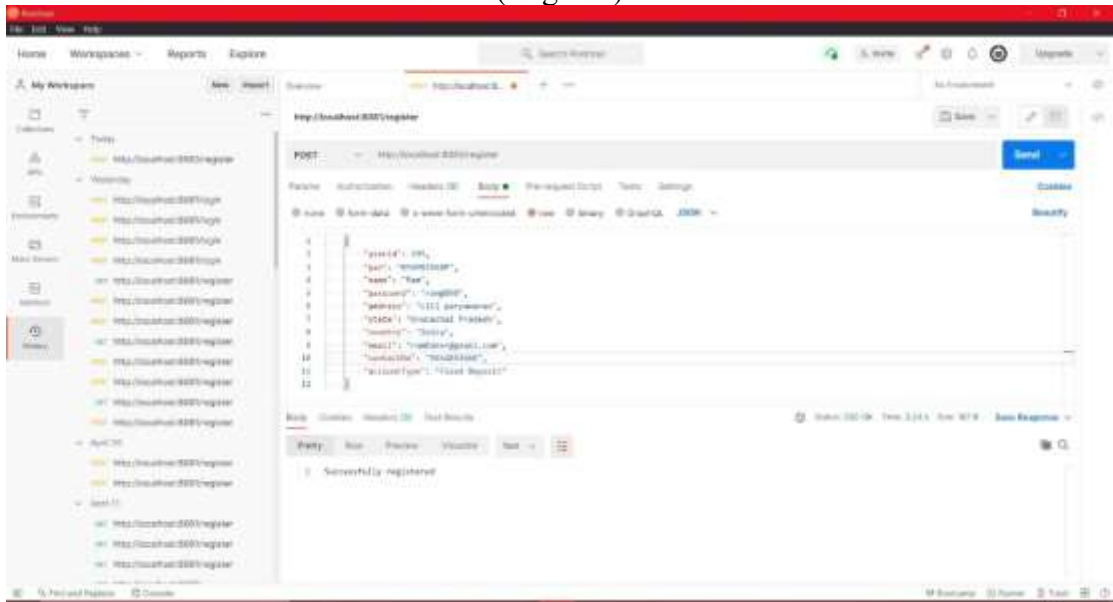APPLICATION DEPLOYED ON GOOGLE KUBERNETES ENGINE

[To run the deployed applications change " **localhost** " in URL of /register/login/update to "**35.226.5.78** "]

[To run the deployed applications change " **localhost** " in URL of /applyloan to " **35.194.8.4** "]
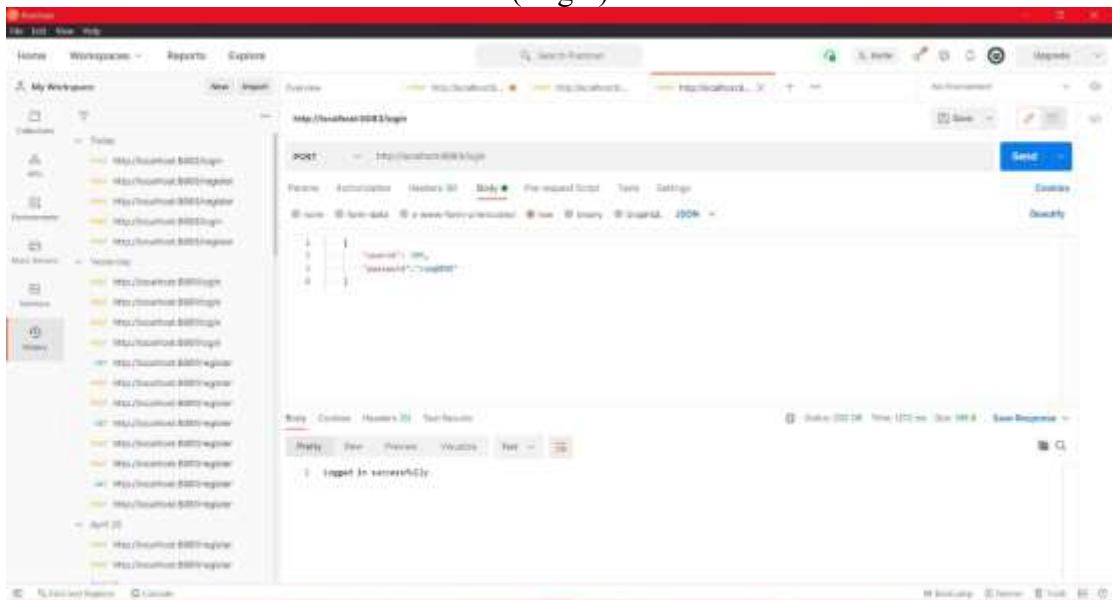
- 35.226.5.78:8083/register

- 35.226.5.78:8083/login

- 35.226.5.78:8083/update/address

- 35.226.5.78:8083/update/contact

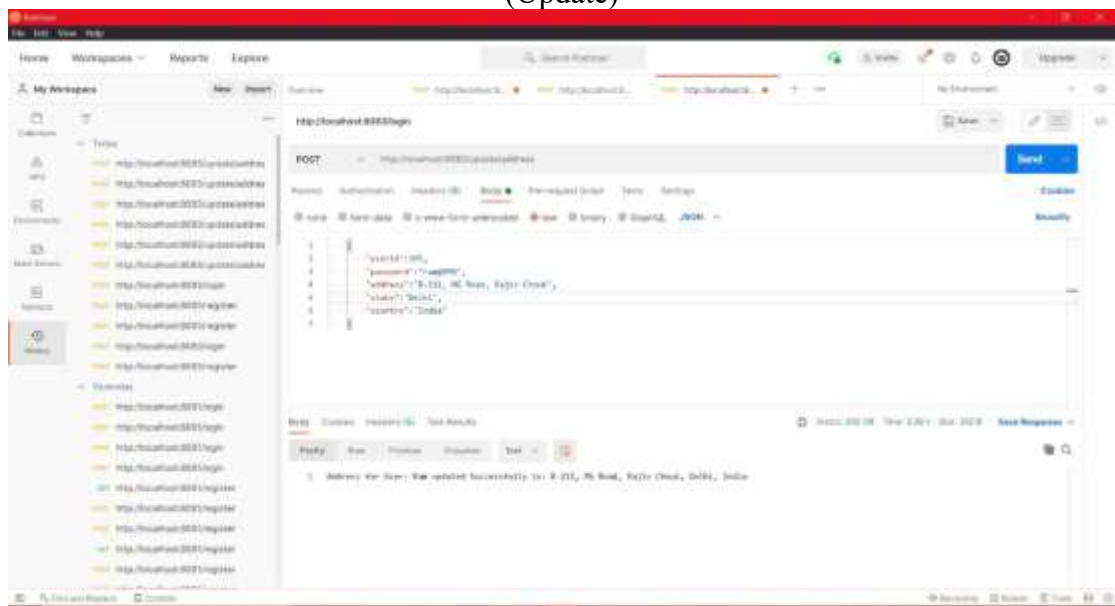- 35.226.5.78:8083/update/email

- 35.194.8.4:8082/applyloan

SNAPSHOTS

(Register)

(Login)

(Update)

(Apply Loan)