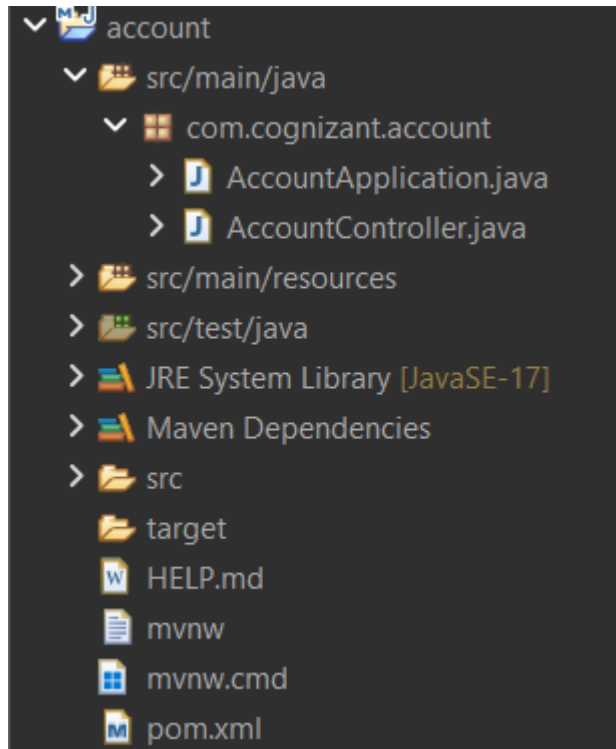


Creating Microservices for account and loan

FOLDER STRUCTURE

ACCOUNT-MICROSERVICE



AccountController.java

```
package com.cognizant.account;

import org.springframework.web.bind.annotation.*;

@RestController
@RequestMapping("/accounts")

public class AccountController {

    @GetMapping("/{number}")

    public Account getAccount(@PathVariable String number) {

        return new Account(number, "savings", 234343);

    }

    static class Account {

        private String number;
```

```

private String type;
private double balance;
public Account(String number, String type, double balance) {
    this.number = number;
    this.type = type;
    this.balance = balance;
}
public String getNumber() { return number; }
public String getType() { return type; }
public double getBalance() { return balance; }
}
}

```

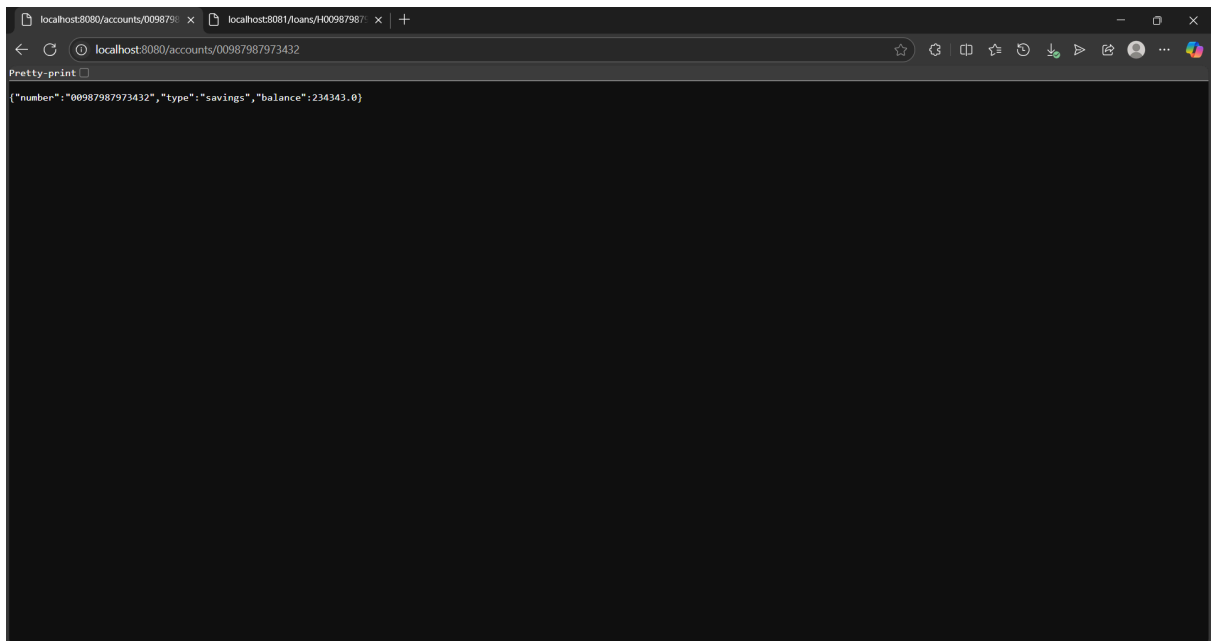
AccountApplication.java

```

package com.cognizant.account;
import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;
@SpringBootApplication
public class AccountApplication {
    public static void main(String[] args) {
        SpringApplication.run(AccountApplication.class, args);
    }
}

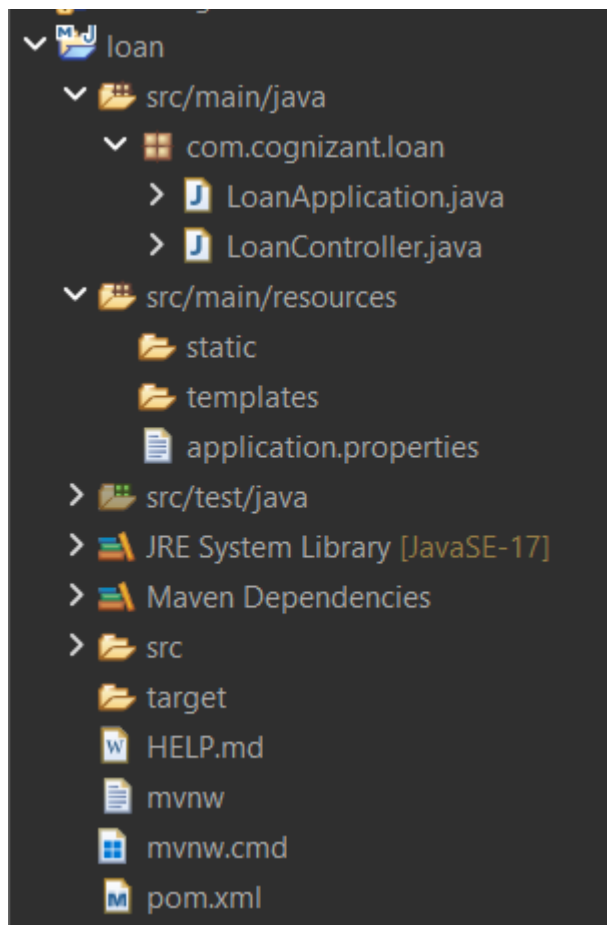
```

OUTPUT



LOAN MICROSERVICE

FOLDER STRUCTURE



LoanApplication.java

```
package com.cognizant.loan;

import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class LoanApplication {

    public static void main(String[] args) {

        SpringApplication.run(LoanApplication.class, args);

    }

}
```

LoanController.java

```
package com.cognizant.loan;

import org.springframework.web.bind.annotation.*;

@RestController
@RequestMapping("/loans")

public class LoanController {

    @GetMapping("/{number}")

    public Loan getLoan(@PathVariable String number) {

        return new Loan(number, "car", 400000, 3258, 18);

    }

    static class Loan {

        private String number;

        private String type;

        private double loan;

        private int emi;

        private int tenure;

        public Loan(String number, String type, double loan, int emi, int tenure) {

            this.number = number;

            this.type = type;

            this.loan = loan;

            this.emi = emi;

            this.tenure = tenure;

        }

        public String getNumber() { return number; }

        public String getType() { return type; }

        public double getLoan() { return loan; }

        public int getEmi() { return emi; }
```

```
        public int getTenure() { return tenure; }  
    }  
}
```

application.properties

spring.application.name=loan

server.port=8081

OUTPUT

