**Creating Microservices for account and loan**

**Account Microservice**

**Code :-**

**// File : AccountController.java**

package com.cognizant.account;

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

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

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

import java.util.Map;

*@RestController*

public class AccountController {

*@GetMapping*("/accounts/{number}")

public Map<String, Object> getAccountDetails(*@PathVariable* String number) {

return Map.*of*(

"number", number,

"type", "savings",

"balance", 234343

);

}

}

**//File : AccountApplication.java**

package com.cognizant.account;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

*@SpringBootApplication*

public class AccountApplication {

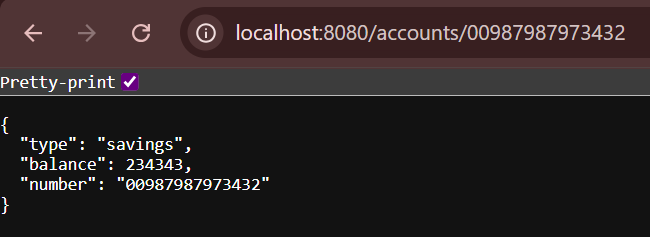
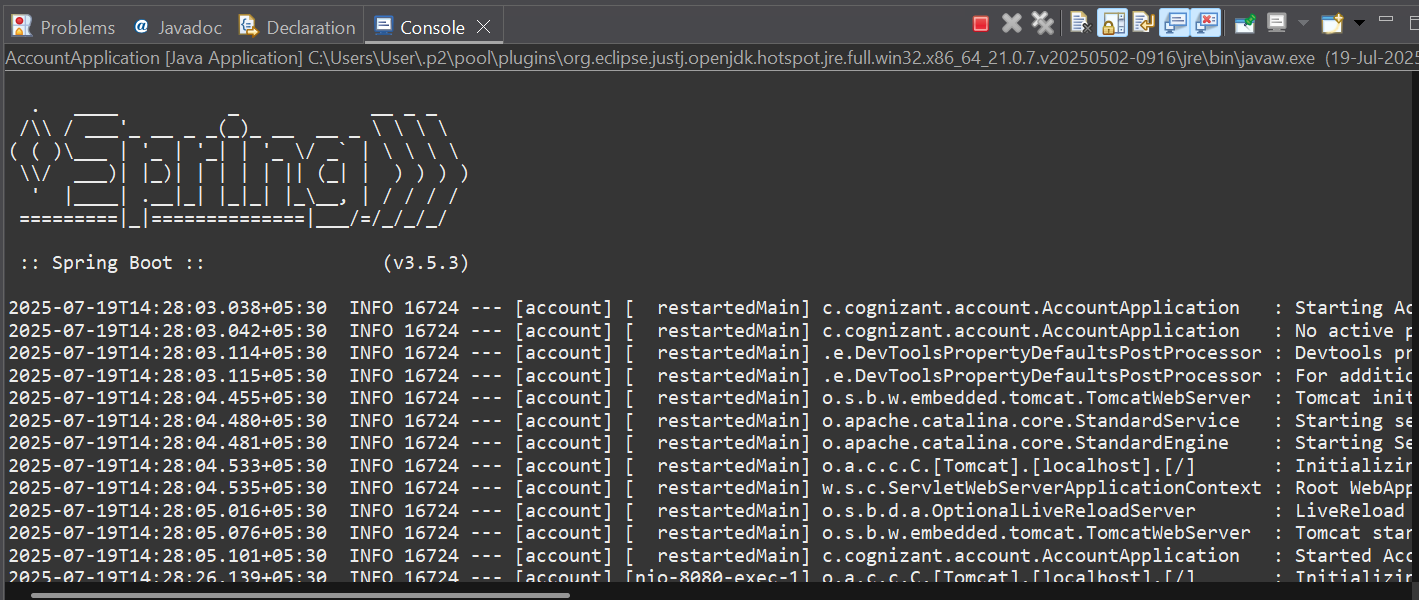
public static void main(String[] args) {

SpringApplication.*run*(AccountApplication.class, args);

}

}

**Output :-**

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**Loan Microservice**

**Code :-**

**// File : LoanController.java**

package com.cognizant.loan;

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

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

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

import java.util.Map;

*@RestController*

public class LoanController {

*@GetMapping*("/loans/{number}")

public Map<String, Object> getLoanDetails(*@PathVariable* String number) {

return Map.*of*(

"number", number,

"type", "car",

"loan", 400000,

"emi", 3258,

"tenure", 18

);

}

}

**//File : LoanApplication.java**

package com.cognizant.loan;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

*@SpringBootApplication*

public class LoanApplication {

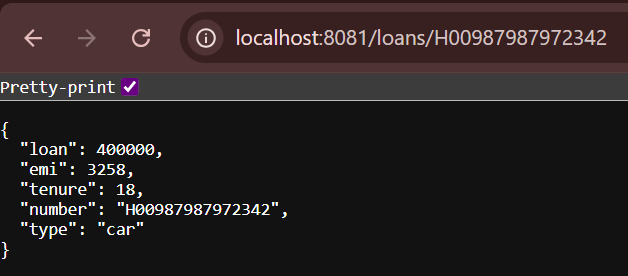
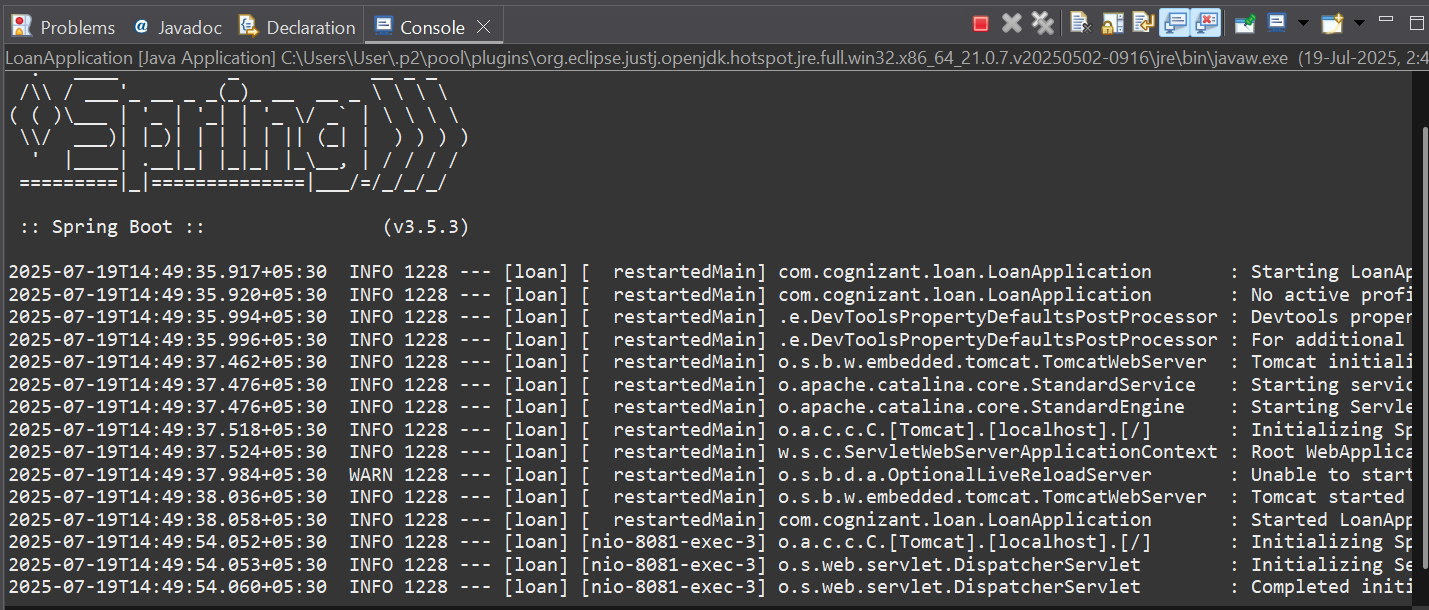
public static void main(String[] args) {

SpringApplication.*run*(LoanApplication.class, args);

}

}

**Output :-**

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