**Creating Microservices for account and loan**

**Account:**

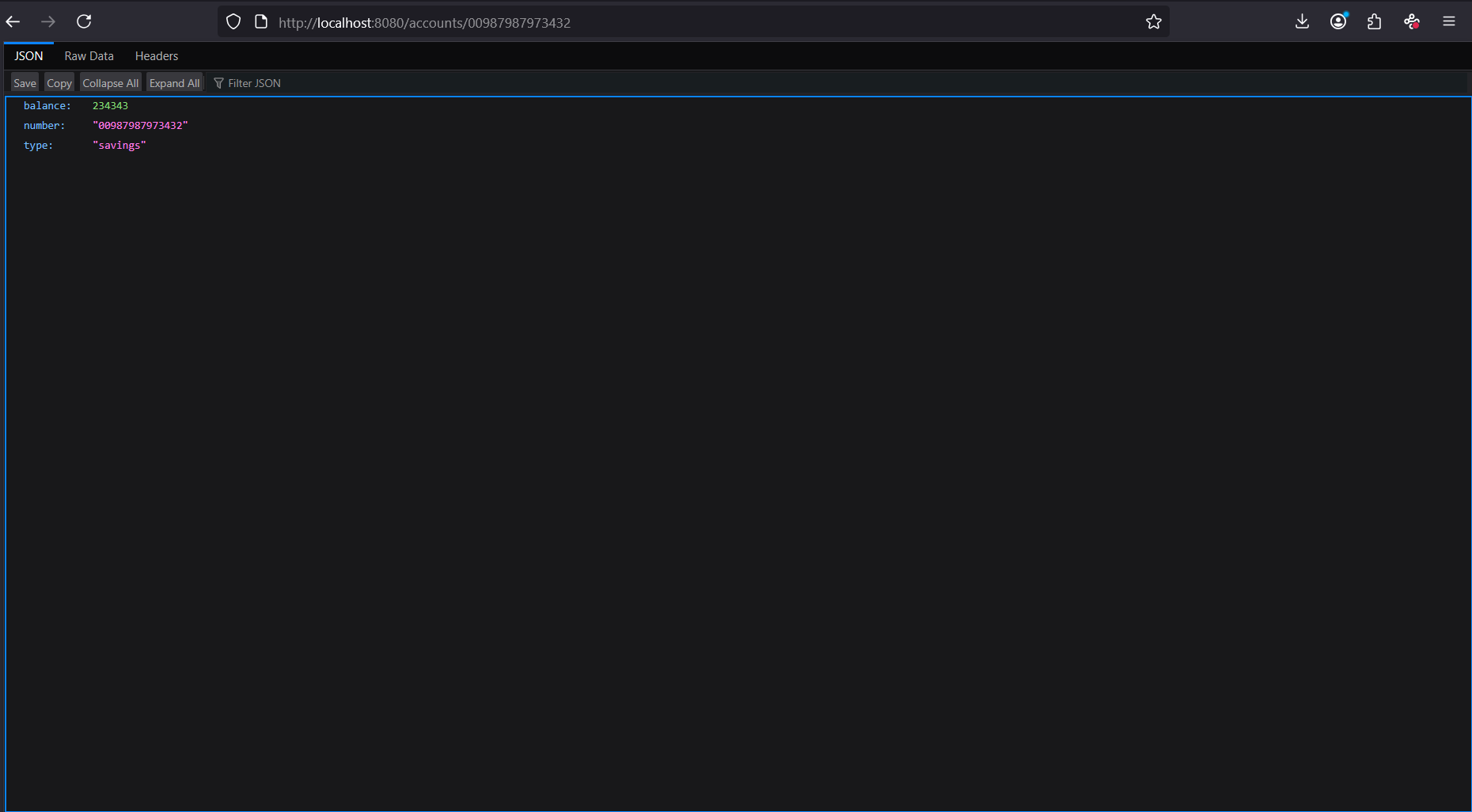
**AccountApplication.java:**

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);  
 System.*out*.println("Account Microservice is running...");  
 }  
}

**AccountController.java:**

package com.cognizant.account.controller;  
import org.springframework.web.bind.annotation.\*;  
import java.util.Map;  
@RestController  
@RequestMapping("/accounts")  
public class AccountController {  
 @GetMapping("/{number}")  
 public Map<String, Object> getAccountDetails(@PathVariable String number) {  
 return Map.*of*(  
 "number", number,  
 "type", "savings",  
 "balance", 234343  
 );  
 }  
}

**Output:**

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**Loan:**

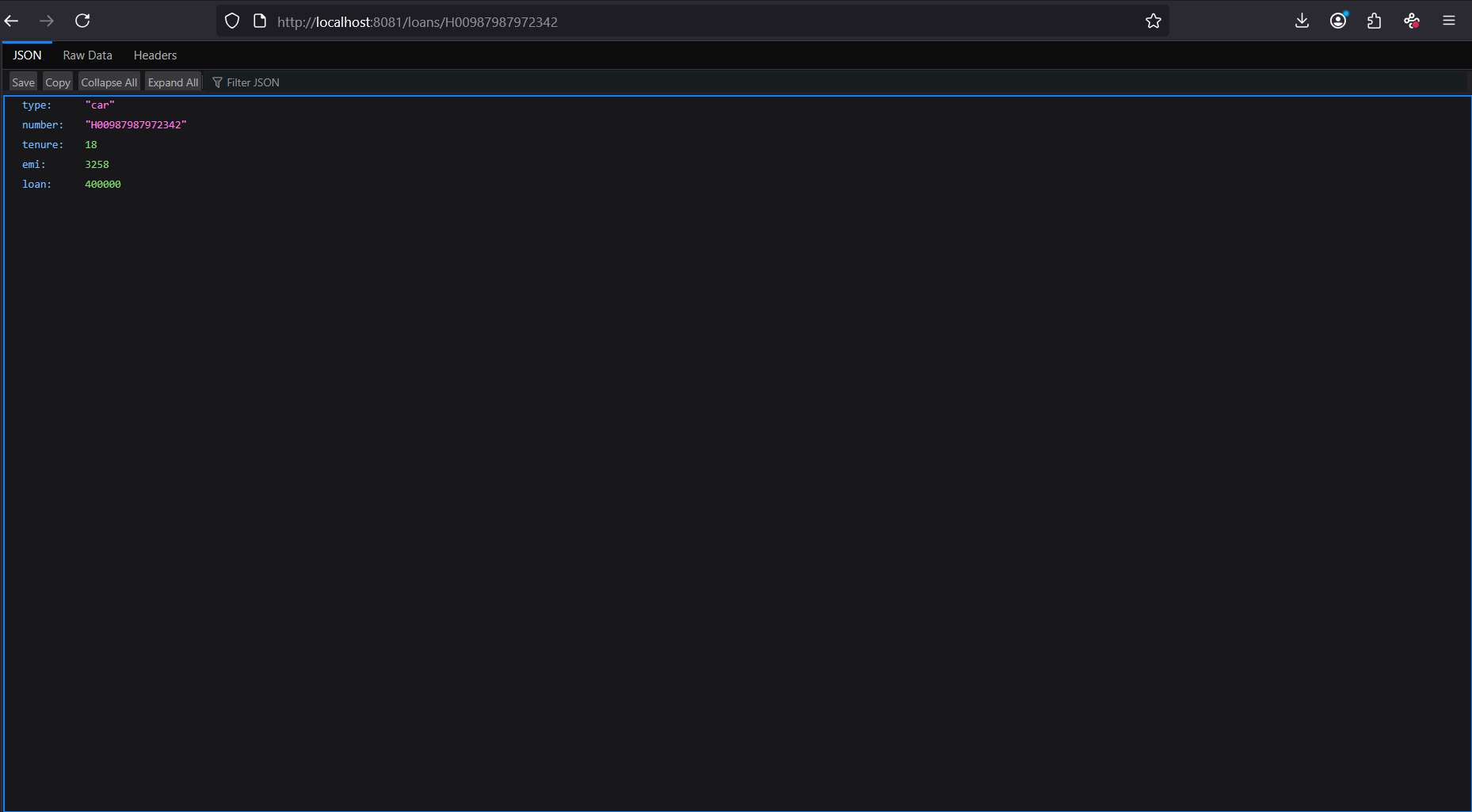
**LoanApplication.java:**

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);  
 System.*out*.println("Loan Microservice is running...");  
 }  
}

**LoanController.java:**

package com.cognizant.loan.controller;  
import org.springframework.web.bind.annotation.\*;  
import java.util.Map;  
@RestController  
@RequestMapping("/loans")  
public class LoanController {  
 @GetMapping("/{number}")  
 public Map<String, Object> getLoanDetails(@PathVariable String number) {  
 return Map.*of*(  
 "number", number,  
 "type", "car",  
 "loan", 400000,  
 "emi", 3258,  
 "tenure", 18  
 );  
 }  
}

**Output:**

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