# Creating Microservices for account and loan

## Account Microservice:

## Code:

## 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); } }

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

## Output:

## 

## Loan Microservice:

## Code:

## 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); } }

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

## application.properties:

## spring.application.name=loan server.port=8081

## Output:

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