

MICROSERVICES

Creating Microservices for account and loan

File name: AccountController.java

```
package com.cognizant.account.controller;

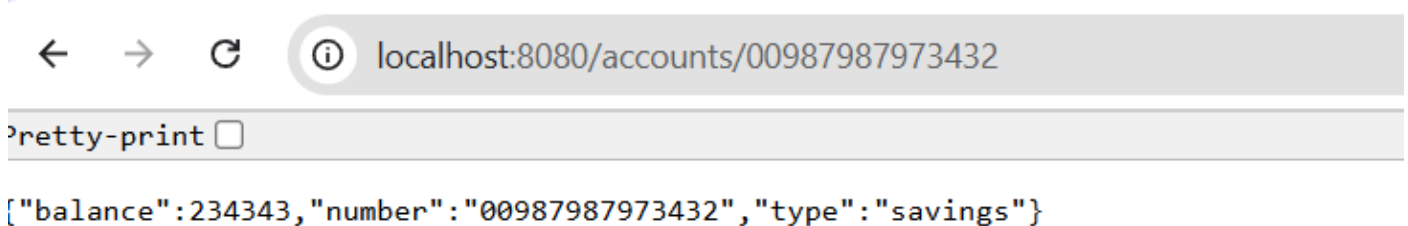
import org.springframework.web.bind.annotation.*;

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



File name: 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,
```

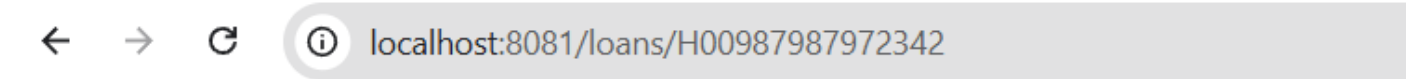
```
            "tenure", 18
```

```
        );
```

```
    }
```

```
}
```

Output



← → ↻ ⓘ localhost:8081/loans/H00987987972342

pretty-print ☐

```
{"number": "H00987987972342", "tenure": 18, "emi": 3258, "loan": 400000, "type": "car"}
```