**Digital Nuture 4.0**

**Week - 5**

**Question 1:**

**Accounts AccountController.java**

package com.cognizant.account.Controller; // Changed

import org.springframework.web.bind.annotation.GetMapping; import org.springframework.web.bind.annotation.PathVariable; import org.springframework.web.bind.annotation.RestController; import com.cognizant.account.Model.Account; // Added import

@RestController

public class AccountController {

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

public Account getAccountDetails(@PathVariable String number)

{

return new Account("00987987973432", "savings", 234343);

}

}

# Account.java

public 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;

}

// Getters and Setters remain the same... public String getNumber() { return number; }

public void setNumber(String number) { this.number = number; } public String getType() { return type; }

public void setType(String type) { this.type = type; } public double getBalance() { return balance; }

public void setBalance(double balance) { this.balance = 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);

}

}

# AccountApplicationTest.java

package com.cognizant.account; import org.junit.jupiter.api.Test;

import org.springframework.boot.test.context.SpringBootTest;

@SpringBootTest

class AccountApplicationTests {

@Test

void contextLoads() {

}

}

# Pom.xl

<?xml version="1.0" encoding="UTF-8"?>

<project xmlns="<http://maven.apache.org/POM/4.0.0>" xmlns:xsi="<http://www.w3.org/2001/XMLSchema-instance>"

xsi:schemaLocation="<http://maven.apache.org/POM/4.0.0> https://maven.apache.org/xsd/maven-4.0.0.xsd">

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<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-parent</artifactId>

<version>3.5.3</version>

<relativePath/> <!-- lookup parent from repository -->

</parent>

<groupId>com.cognizant</groupId>

<artifactId>account</artifactId>

<version>0.0.1-SNAPSHOT</version>

<name>account</name>

<description>Demo project for Spring Boot</description>

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<licenses>

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</licenses>

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<scm>

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plugin</artifactId>

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</plugins>

</build>

</project>

# Loan LoanController.java

package com.cognizant.loan.Controller; // Add this package

import org.springframework.web.bind.annotation.GetMapping; import org.springframework.web.bind.annotation.PathVariable; import org.springframework.web.bind.annotation.RestController; import com.cognizant.loan.Model.Loan; // Add this import

@RestController

public class LoanController {

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

public Loan getLoanDetails(@PathVariable String number) { return new Loan("H00987987972342", "car", 400000, 3258,

18);

}

}

# 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);

}

}

# LoanApplication.java

package com.cognizant.loan; import org.junit.jupiter.api.Test;

import org.springframework.boot.test.context.SpringBootTest;

@SpringBootTest

class LoanApplicationTests {

@Test

void contextLoads() {

}

}

# Pom.xl

<?xml version="1.0" encoding="UTF-8"?>

<project xmlns="<http://maven.apache.org/POM/4.0.0>" xmlns:xsi="<http://www.w3.org/2001/XMLSchema-instance>"

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<modelVersion>4.0.0</modelVersion>

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<artifactId>spring-boot-starter-parent</artifactId>

<version>3.5.3</version>

<relativePath/> <!-- lookup parent from repository -->

</parent>

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<scope>test</scope>

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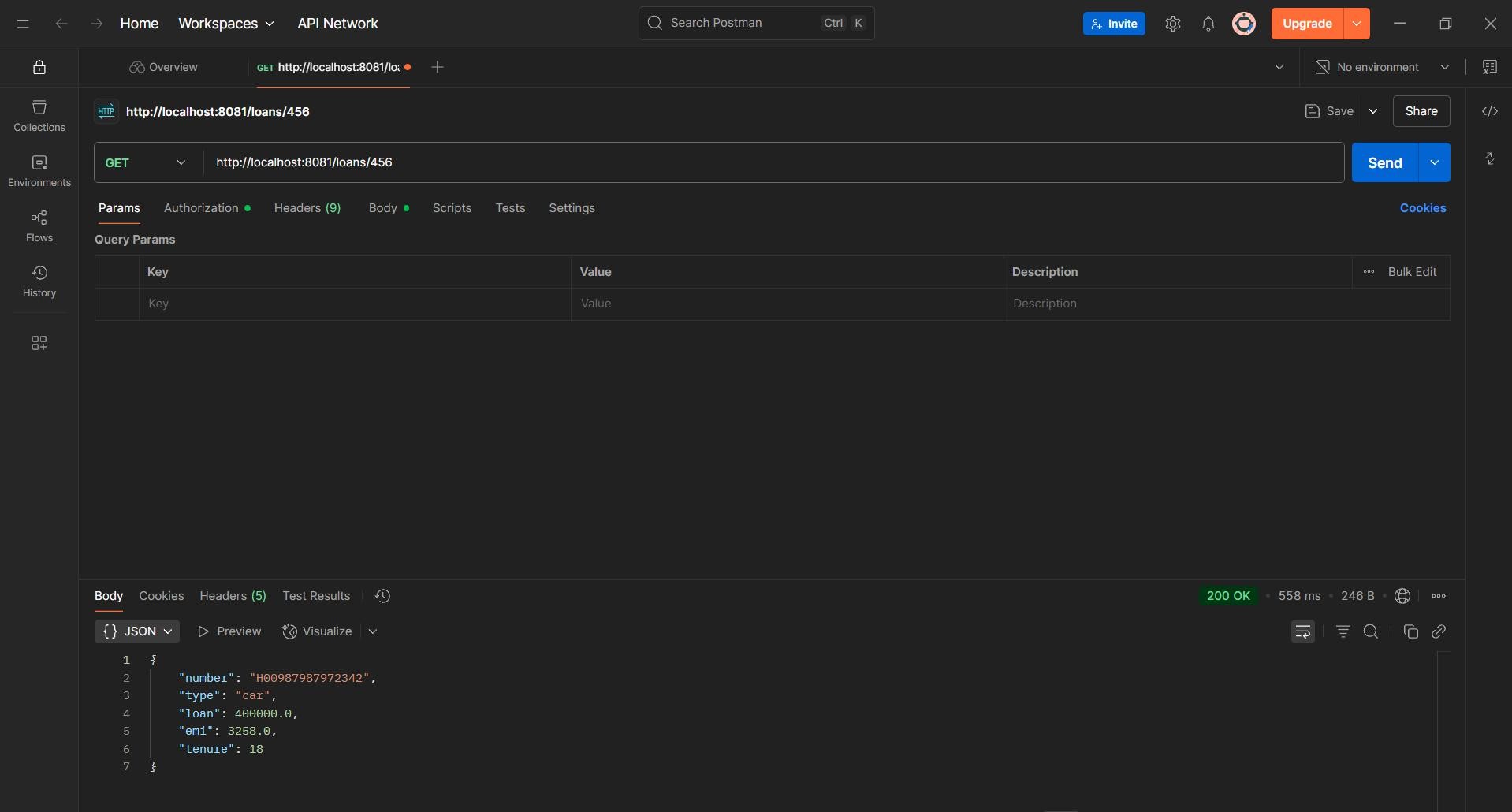
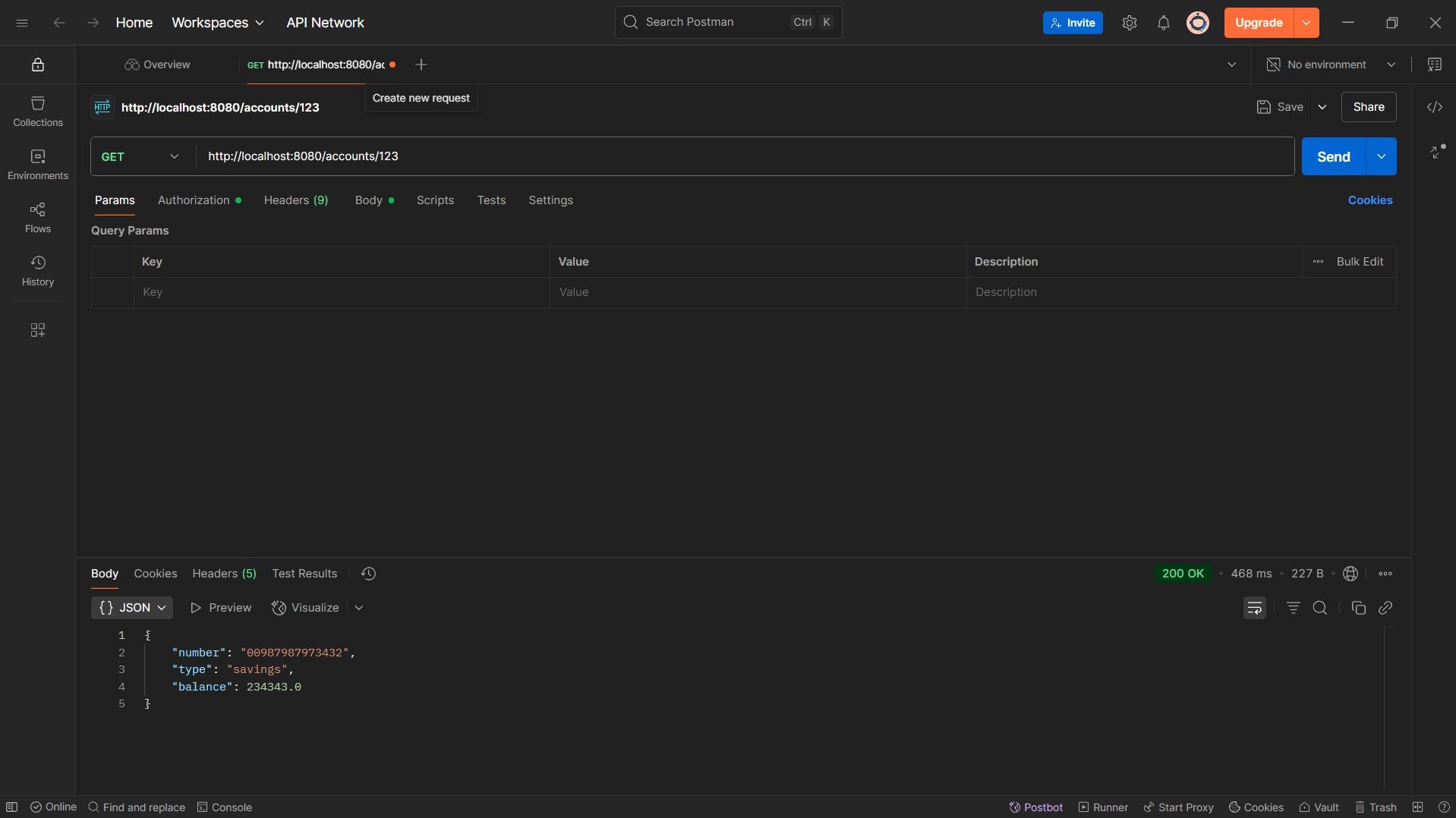
</plugin>

</plugins>

</build>

</project>

**Output**

****