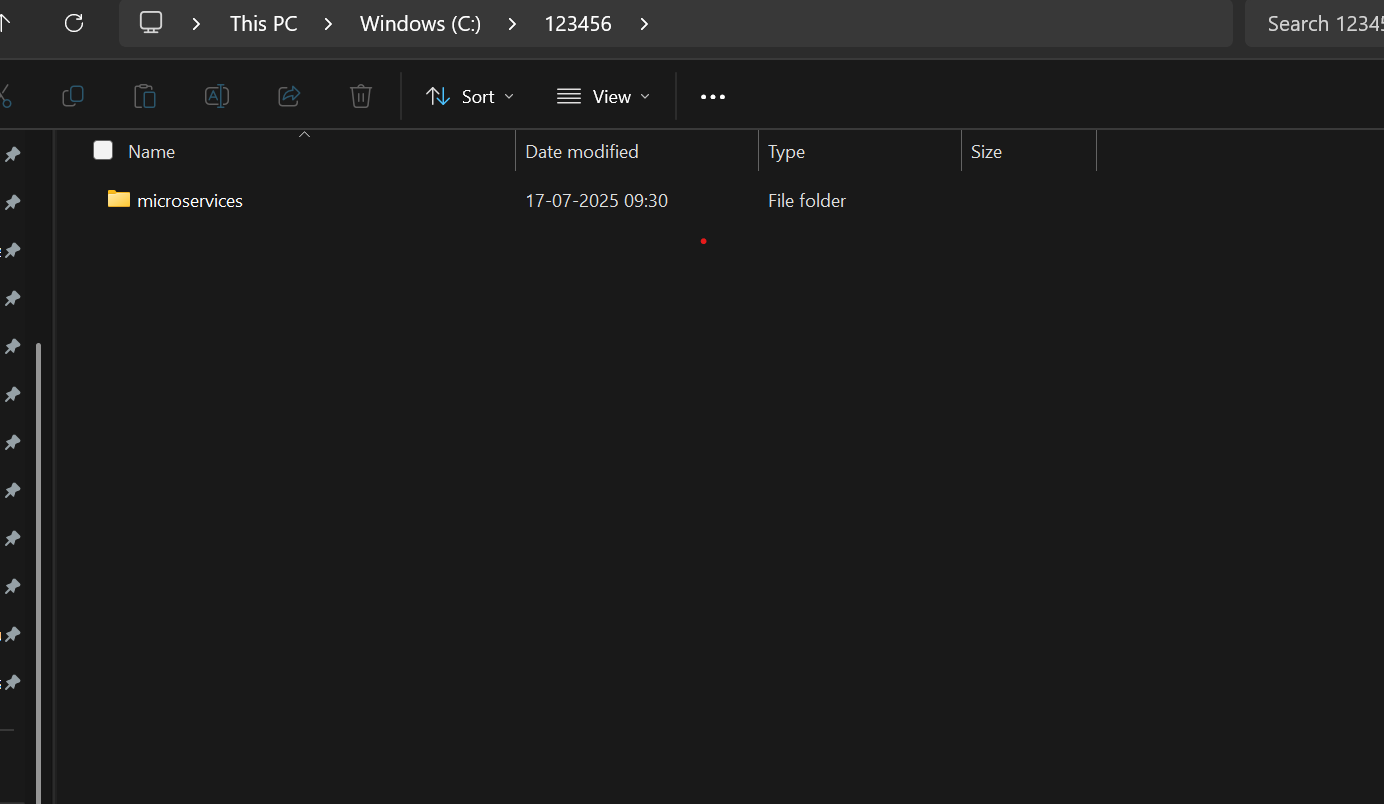
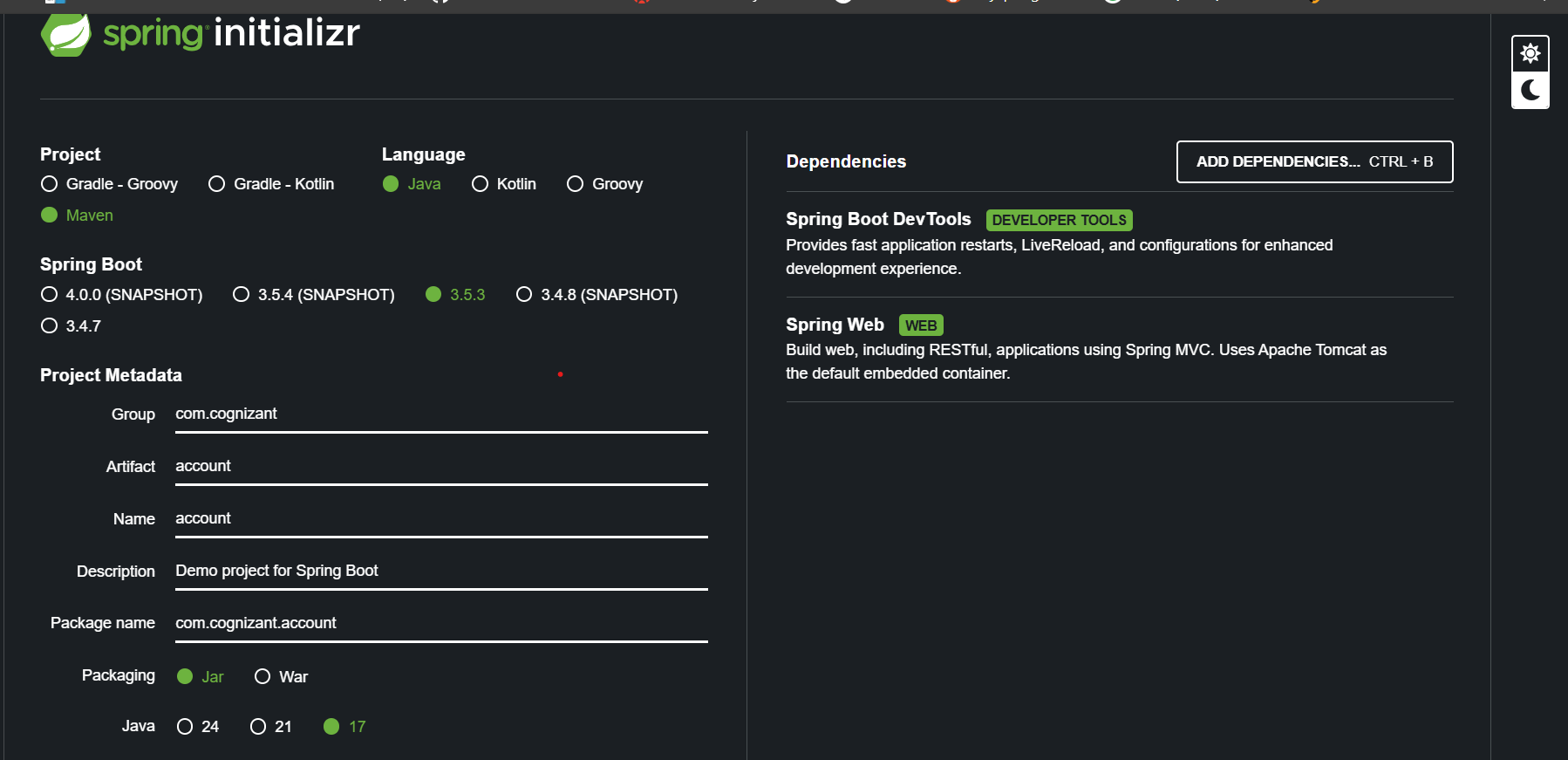
**Microservices**

**Creating Microservices for account and loan**

**Create folder named 'microservices' :**

****

**Generate Project from Spring Initializr :**

****

**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

);

}

}

**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);

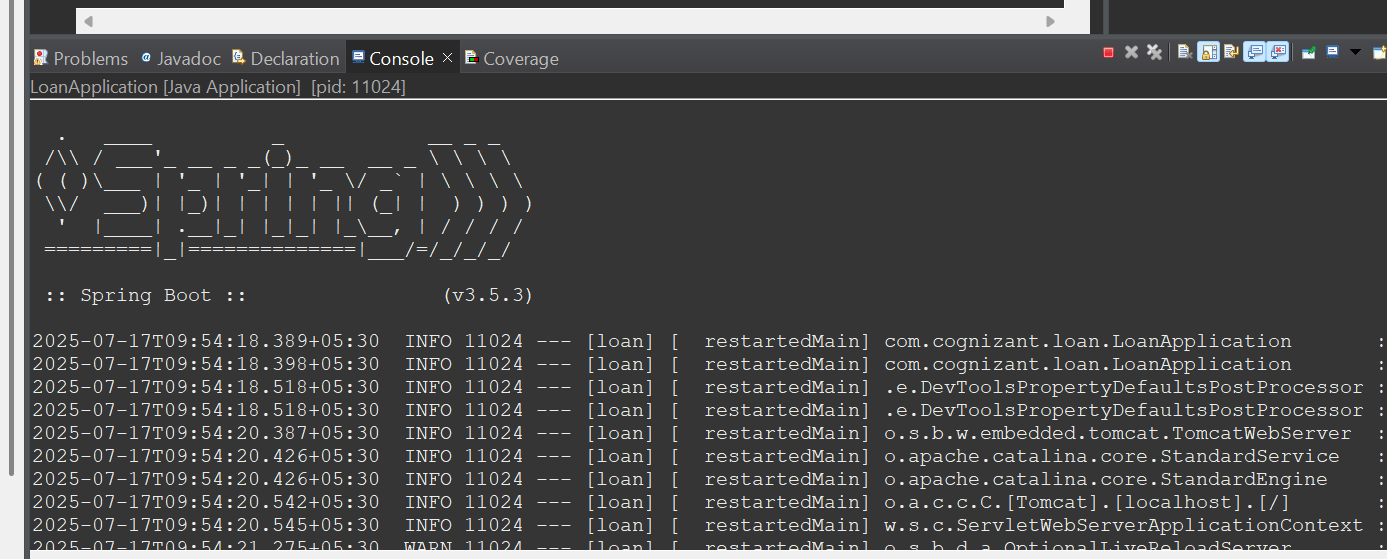
}

}

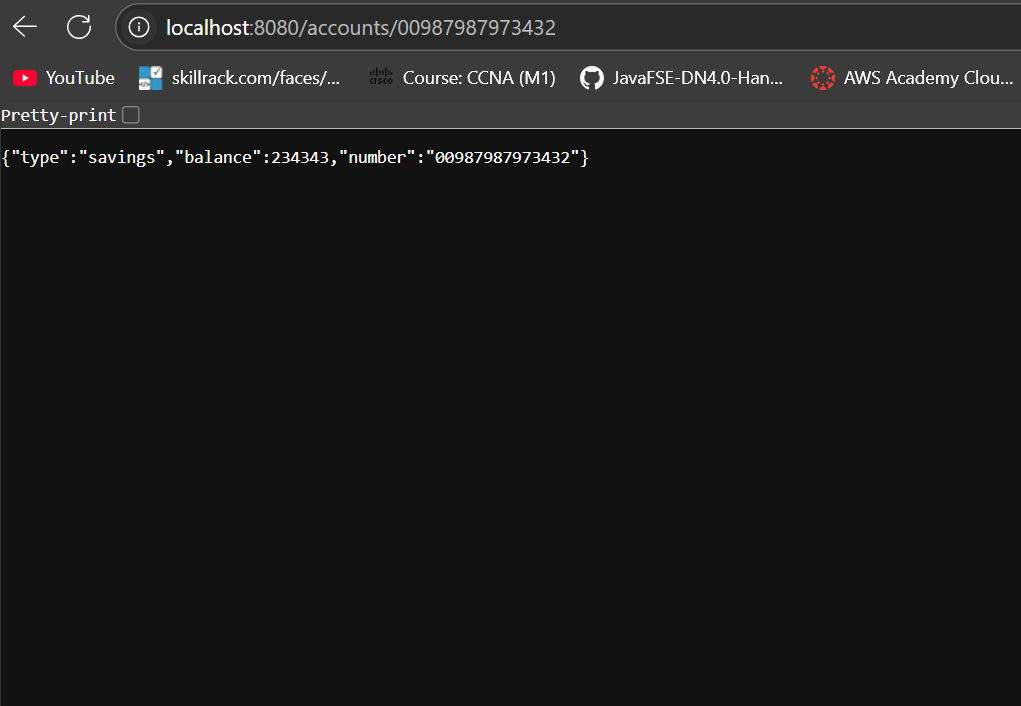
**Application.properties :**

spring.application.name=account

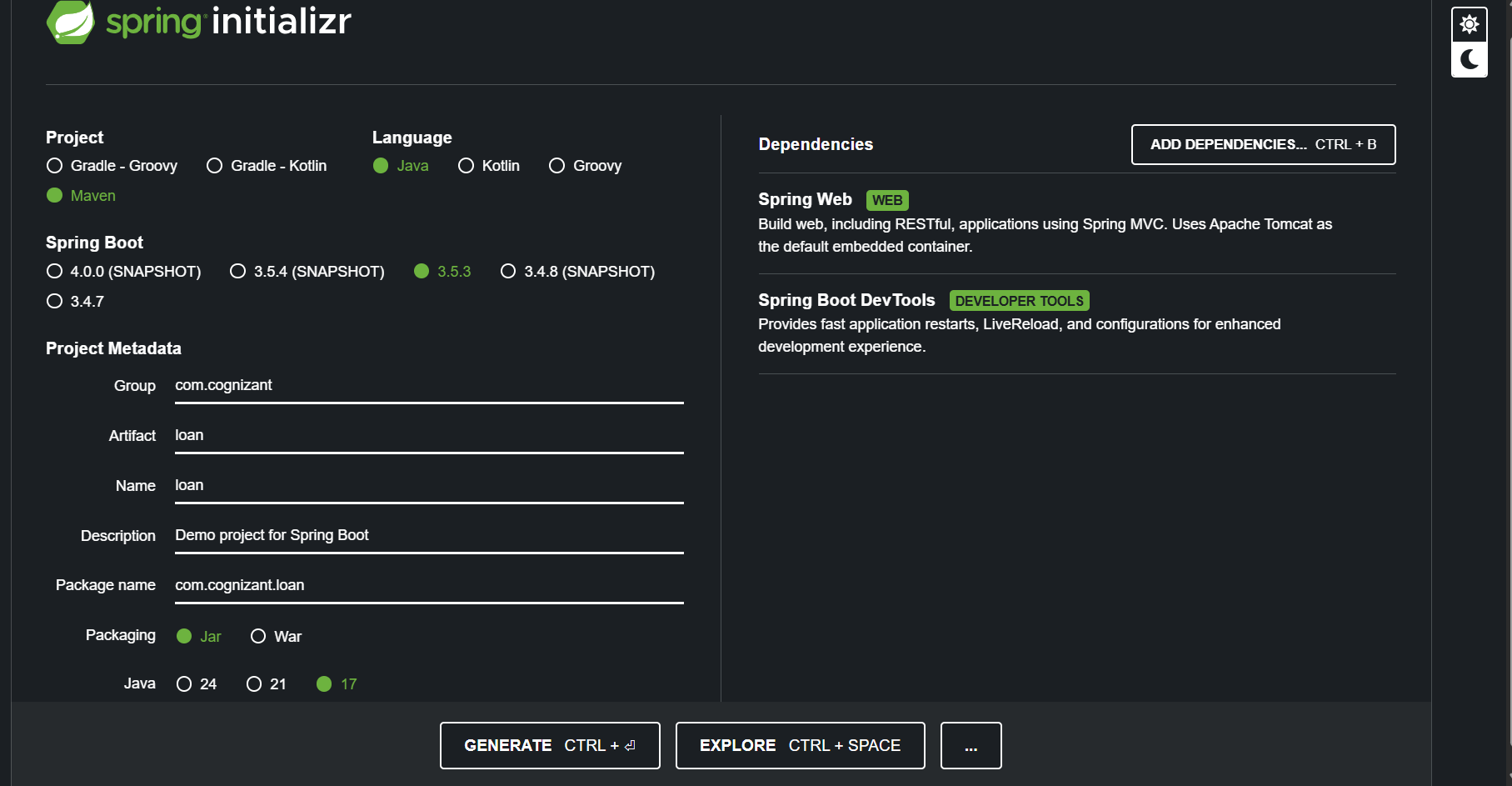
**OUTPUT :**



**http://localhost:8080/accounts/00987987973432**



**Loan Microservice Setup :**



**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,

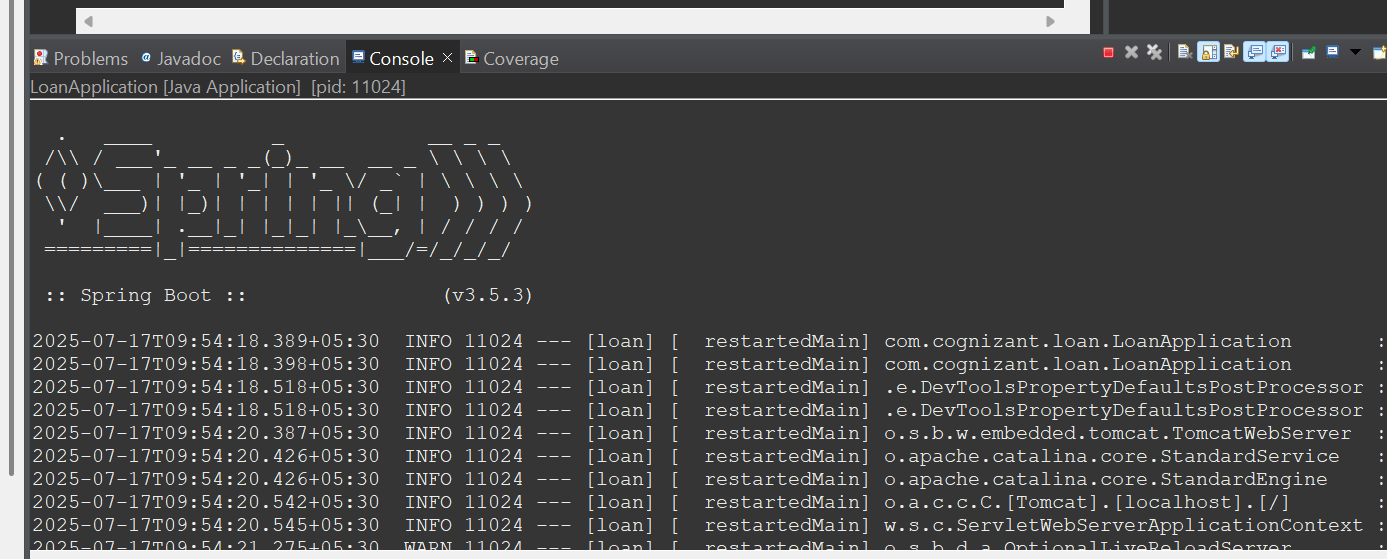
"tenure", 18

);

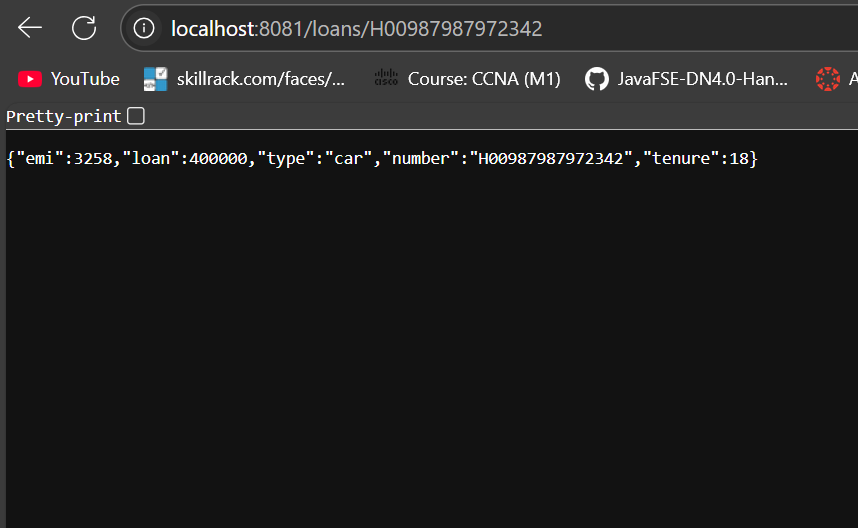
}

}

**OUTPUT :**

****

**http://localhost:8081/loans/H00987987972342**

****