Junit:

**Gpay2**

**package** junit2;

**import** java.util.Random;

**public** **class** Gpay2 {

**public** **int** pay(**float** amount) {

Random rnd =**new** Random();

System.***out***.println("Generate OTP");

System.***out***.println("verfiy OTP");

System.***out***.println("Init.transaction");

System.***out***.println("connect to bank server");

System.***out***.println("Complete Transaction");

**int** code=rnd.nextInt(2);

**return** code;

}

}

**Test1**

package junit2;

import static org.junit.jupiter.api.Assertions.\*;

import org.junit.jupiter.api.Test;

class Test1 {

@Test

void test() {

Gpay2 g=new Gpay2();

int code=g.pay(100);

System.out.println("code from bank server"+code);

assertEquals(0,code);

}

}

**Spring initializer**

**RestControllerClass;**

**package** com.spring3.spring3;

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

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

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

@RestController

@RequestMapping

**public** **class** RestControllerClass {

@GetMapping("/home")

**public** String home() {

**return** "spring bnvjf";

}

}

**Spring security:**

**RestControllerClass**

**package** com.security1.security1;

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

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

@RestController

**public** **class** RestcontrollerClass {

@GetMapping("/home")

**public** String home() {

**return** "spring security";

}

}

spring.security.user.name=manvitha

spring.security.user.password=manvith123

server.port=8085