Controller class:

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

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

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

@RestController

@RequestMapping("/creditcard")

**public** **class** CreditCradController {

@RequestMapping("/validate/{cardnum}")

**public** String validateCard(@PathVariable("cardnum") String cardNo) {

**if** (cardNo.length() == 15 && (cardNo.substring(0, 4).equals("2014") || cardNo.substring(0, 4).equals("2149"))) {

**return** "Your Card is validated as enRoute...!";

}

**if** ((cardNo.length() >= 15 && cardNo.length() <= 19) && (Integer.*parseInt*(cardNo.substring(0, 4)) >= 3528

&& Integer.*parseInt*(cardNo.substring(0, 4)) <= 3589)) {

**return** "Your Card is validated as JCB...!";

}

**if** (cardNo.length() == 16 && ((Integer.*parseInt*(cardNo.substring(0, 6)) >= 510000

&& Integer.*parseInt*(cardNo.substring(0, 6)) <= 559999)

|| (Integer.*parseInt*(cardNo.substring(0, 6)) >= 222100

&& Integer.*parseInt*(cardNo.substring(0, 6)) <= 272099))) {

**return** "Your Card is validated as MasterCard...!";

}

**if** ((cardNo.length() >= 15 && cardNo.length() <= 19) && cardNo.charAt(0)=='4') {

**return** "Your Card is validated as Visa...!";

}

**return** "Card is Not Valid..! Please check once again.";

}

}

Main class:

**import** org.springframework.boot.SpringApplication;

**import** org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

**public** **class** CreditCardValidation {

**public** **static** **void** main(String[] args) {

SpringApplication.*run*(CreditCardValidation.**class**, args);

System.***out***.println("App started...");

}

}