**Controller class:**

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

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

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

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

@RestController

@RequestMapping("/calculator")

**public** **class** CalculatorController {

@GetMapping("/add/{num1}/{num2}")

**public** **int** addition(@PathVariable("num1") **int** no1, @PathVariable("num2") **int** no2) {

**return** no1 + no2;

}

@GetMapping("/sub/{num1}/{num2}")

**public** **int** subtraction(@PathVariable("num1") **int** no1, @PathVariable("num2") **int** no2) {

**return** no1 - no2;

}

@GetMapping("/mul/{num1}/{num2}")

**public** **int** multiplication(@PathVariable("num1") **int** no1, @PathVariable("num2") **int** no2) {

**return** no1 \* no2;

}

@GetMapping("/div/{num1}/{num2}")

**public** Double division(@PathVariable("num1") **int** no1, @PathVariable("num2") **int** no2) {

**try** {

**return** (**double**) (no1 / no2);

} **catch** (ArithmeticException e) {

System.***out***.println("Divide by zero error");

} **catch** (Exception e) {

System.***out***.println("e");

}

**return** (Double) **null**;

}

@GetMapping("/sqRoot/{num1}")

**public** **double** squareRoot(@PathVariable("num1") **int** no1) {

**return** (**double**) Math.*sqrt*(no1);

}

}

Main class:

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

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

@SpringBootApplication

**public** **class** CalculatorApplication {

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

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

}

}