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Spring Boot 9AM

Mr. RAGHU

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\*) Error and Exception Handling

<https://www.youtube.com/c/NareshIT/search?query=error%20raghu>

Web MVC : Controller (rules)

\*) GET : It is a process of fetching data from server to browser.

GET Request -> Enter URL in Addressbar, HyperLink Click, Form Submit (GET)

\*) POST : It is a process of sending data from Browser to server.

POST Request -> Form Submit (POST).

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GET

@RequestMapping(value="/path",method=RequestMethod.GET) [Spring 2.x]

@GetMapping("/path") [Spring 4.x]

POST

@RequestMapping(value="/path",method=RequestMethod.POST) [Spring 2.x]

@PostMapping("/path") [Spring 4.x]

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Error and Exception Handling

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Note:

a. On successful execution of request and response given back to browser

then Http Status is 200 (OK).

b. If Request URL is not matched with any Controller#method then FC returns Http Status 404 (Not Found).

c. Request URL is matched with controller#method URL but Request Method

Type (ex: /save + GET) is not matched with Controller Http Method (ex: /save + POST ), then FC throws - 405 - Method Not Allowed.

d. Request URL and Method type are matched with controller, while executing code exception is raised then FC throws 500 - INTERNAL SERVER ERROR.

--Controller code-----

```
package in.nareshit.raghu.controller;
```

```
import java.util.Random;
```

```
import org.springframework.stereotype.Controller;
```

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

```
@Controller
public class HomeController {

    //@PostMapping("/show")
    @GetMapping("/show")
    public String showPage() {
        if(new Random().nextInt(100)<100)
            throw new RuntimeException("DUMMY");
        return "Home";
    }
}
```

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