Spring Boot REST API

**What is use of @RestController?**

Spring RestController annotation is used **to create RESTful web services using Spring MVC**. Spring RestController takes care of mapping request data to the defined request handler method. Once response body is generated from the handler method, it converts it to JSON or XML response.

**What is the difference between the @Controller annotation and @RestController annotation?**

@Controller is used to mark classes as Spring MVC Controller. @RestController annotation is a special controller used in RESTful Web services, and it's the combination of @Controller and @ResponseBody annotation. It is a specialized version of @Component annotation.

<https://www.geeksforgeeks.org/difference-between-controller-and-restcontroller-annotation-in-spring/#:~:text=%40RestController-,%40Controller%20is%20used%20to%20mark%20classes%20as%20Spring%20MVC%20Controller,specialized%20version%20of%20%40Component%20annotation>.

How do you handle exceptions in REST API? Is it global or any custom exceptions?

Design Product API? What are the steps of designing REST API to create and update product?

Create a data model Student and mark detail of a school?

What are filters in REST API?

How do you secure your REST APIs?

What is the use of returning ResponseEntity over returning custom types from methods?

Why should you prefer using DTOs instead of returning entity objects?