**Spring Boot**

**Introduction**

* It's the extension of Spring Framework.
* Spring Framework needs a lot of configuration.
* Spring Boot automatically configure all the things which are required.

**How to start:**

* Go to <https://start.spring.io/>
* Choose dependencies that may be required.
* Download the file and extract it.
* Finally, you are ready to start the project.

**Spring Boot Auto-Configuration**

Spring Boot automatically configure our Spring Application based on the jar files we have added. Eg:

If we use MVC it will automatically configure Component Scan, view resolvers . jar files but in Spring we need to configure it ourselves.

**Some important Annotation:**

* @RestController- For RestApi and Controller
* @GetMapping - get Http method. Its like a routing in laravel. eg:@GetMapping("/student")
* @PathVariable - Example if You need to pass the value from the URL it is used.
* @RequestParam- It is used to handle the query paramerters.

eg: if the Url is sth like localhost:8080/student?firstName="amir"&lastName="manandhar" display first and lastname

public Student studentinfo(@RequestParam(name=firstName) String firstName,@RequestParam(name=lastName) String lastName){

return new Student(firstName,lastName)