

Lab 4.2

Customization Part 2

- The preferred way of configuration of key value pairs to be used in your application is through Java Configuration classes
- Create a class `com.student.StudentProperties` and in it have one property of “private String greeting” with getter and setters
 - Annotate this new class with `@ConfigurationProperties(prefix = "student")`
 - In your `application.yaml` change the greeting key value pair to be;

```
student:  
  greeting: ${message}
```

- The prefix of “student” will only find a greeting value nested under that parent and inject it into the `StudentProperties` class
- In the `StudentApplication` class add a further annotation to the class of;

```
@EnableConfigurationProperties(value = StudentProperties.class)
```

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- In the class StudentController;
 - Replace the property current annotated with @Value (i.e. private String message) with;

```
@Inject  
private StudentProperties studentProperties;
```

- Re implement the method that used the old property

```
@GetMapping("/msg")  
public String getMessage() {  
    return studentProperties.getGreeting();  
}
```

- Relaunch your Spring Boot Application and it should work as before