Practice 5. Spring Web apps. Rest. Netflix:

* Change your previous project, from practice 3/4. Implement Service, Repository, and Controller (REST API) using @RestController. Replace most Kafka communication with RESTful APIs for all microservices (20%).
* Use Kafka only for background tasks, events, or async processing, and show message logs to confirm Kafka communication (10%).
* Set up Eureka Server for service discovery and use Feign Clients for inter-service communication (15%).
* Add controller layer and connect/bind it with the service logic layer. Write REST endpoints and inject the service into the controller (15%).
* Add Web Security Configuration (Basic Authentication or JWT-based authentication is allowed) (15%).
* Implement AOP logging for controllers, capturing every request, response, IP address, requested URL, and username (10%).
* Write JUnit and Integration tests for all layers, at least 85% test coverage (15%).
* Push your project(5%).