1. Create a CRUD (Create, Read, Update, Delete) Rest API for ABC Service Provider using Spring Boot
   1. Retrieve all services given by the company - @GetMapping(“/services”)
   2. Get details of specific service - @GetMapping(“/service/{id}”)
   3. Delete a service - @DeleteMapping(“/service/{id}”)
   4. Create a new service - @PostMapping(“/service”)
   5. Update service details - @PutMapping(“/service/{id}”)
2. Backend Database should be H2 in-memory database.
3. Once API, is tested locally, deploy the application in Pivotal Cloud Foundry.
   1. You can create a free account on given URL
   2. URL - <https://login.run.pivotal.io/login>
   3. Reference - <https://pivotal.io/>
4. All rest API’s running locally must run successfully from pivotal cloud foundry as well.
5. Create a free account on APIGEE or use the existing account
   1. <https://apigee.com/api-management/#/homepage>
6. Use APIGEE to create an API proxy that provides a façade/URL for each of the CRUD operation which is exposed by the application deployed on cloud foundry.
7. Use APIGEE to implement a policy to limit a traffic. For example, define a limit of 1 messages per minute; just to check the feature.
8. Use APIGEE to implement a policy to convert the data from JSON to XML or vice-versa.