**Code Exercise**

Spring boot based solution, which could:

1. Create DB Schema, DML scripts and related persistent classes to store each record(Employee record) in a DB(you may choose in memory DB like H2, HSQL), with below columns:

*EmployeeID | EmployeeName | Title | BusinessUnit | Place | SupervisorID*

*| Competencies | Salary*

1. Create a /employee/place/{place}/salary/{percentage} PUT endpoint that will update each record by increasing their salary by percentage(percentage path param) for employees that have place matching with place path param.(Use java 8 for transformation). Make sure increase percentage cannot be more than 55%.

1. Create an endpoint to return the list of employees for a given place from the DB in a page size of 5.
2. Create an endpoint to return the range of salaries for a given Competency.
3. The code must have business/technical exception handling.

1. The code must be modular/follow design principles(SOLID) and has interface/implementation classes.
2. The code must have unit tests.

1. It must have Swagger (Open API) spec.

Please push your code to your PSCode once done.