Vert.x Lab

How to submit

1. **Create git repository ;**
2. **Upload**

**repoName : yourName-yourid-vertxlab**

**-lab-1**

**Functional Programming**

Time : 15 mins

1.Create Login class, which should have method called validate.

Rules:

1. validate method must take two two args
2. The first arg is one functional Interface called “Resolve”, method name you can decide
3. The Second args is another functional interface “Reject”, method name you can decide
4. Write a biz logic to validate username and password; you can hardcode username and password values.
5. If validation is success, send “Login success” else “Login failed”.

Time : 30 mins

2.Implementation of functional application

Build Customer-Manager App using functional approach

* Repository
  + Have repository interface having methods findAll,findById,save,update,remove
  + Have repository implementation
  + Results Should be handled by Functional Interfaces like Consumer, Supplier.
  + Use Array List to store,update,remove,findAll Customer data
  + Customer Entity should be id,firstName,lastName,city.
* MainApp
  + Call apis for findAll, findbyid, saving, delete, update