1) Let imagine that we have system that holds and manages contact directory of many companies. There is one of HTTP endpoints that responsible for retrieving user data by name: GET [http://some\_domain.com:8080/company/%companyId%/users?name=%someName%](http://some_domain.com:8080/company/%25companyId%25/users?name=%25someName%25) Please write test scenarios for this endpoint, as many as you can. Example: Request [some\_domain.com/company/777/users?name=Izergil](http://some_domain.com/company/777/users?name=Izergil) where 777 is ID of company that does not exist, check that error is returned and HTTP status code is 404

2) Implement following scenario for this endpoint using Java language and one of the test frameworks, for example TestNG, Junit, etc...: Verify that user can search only member of his own company.

Scenarios:

1. Request localhost:8080/register?user=Lila&company=300 to sign up User at server and check that response is returned and HTTP status code is 200
2. While the previous session is valid, request localhost:8080/company/200/users?name=Izergil and check that HTTP code of response is 412 with the message “You aren't an employee!”
3. Request localhost:8080/register?user=Jon&company=100 to sign up at server and then request localhost:8080/company/200/users?name=Izergil, after that check that returned error has HTTP status set into 412 with message “User can search only coworkers!”
4. Request localhost:8080/company/100/users?name=Max, check that returned response isn’t an error and contains HTTP status set into 200 and user data as well
5. While the previous session is valid, request localhost:8080/company/777/users?name=Izergil where 777 is ID of Company that does not exist, check that error is returned and HTTP status code is 404