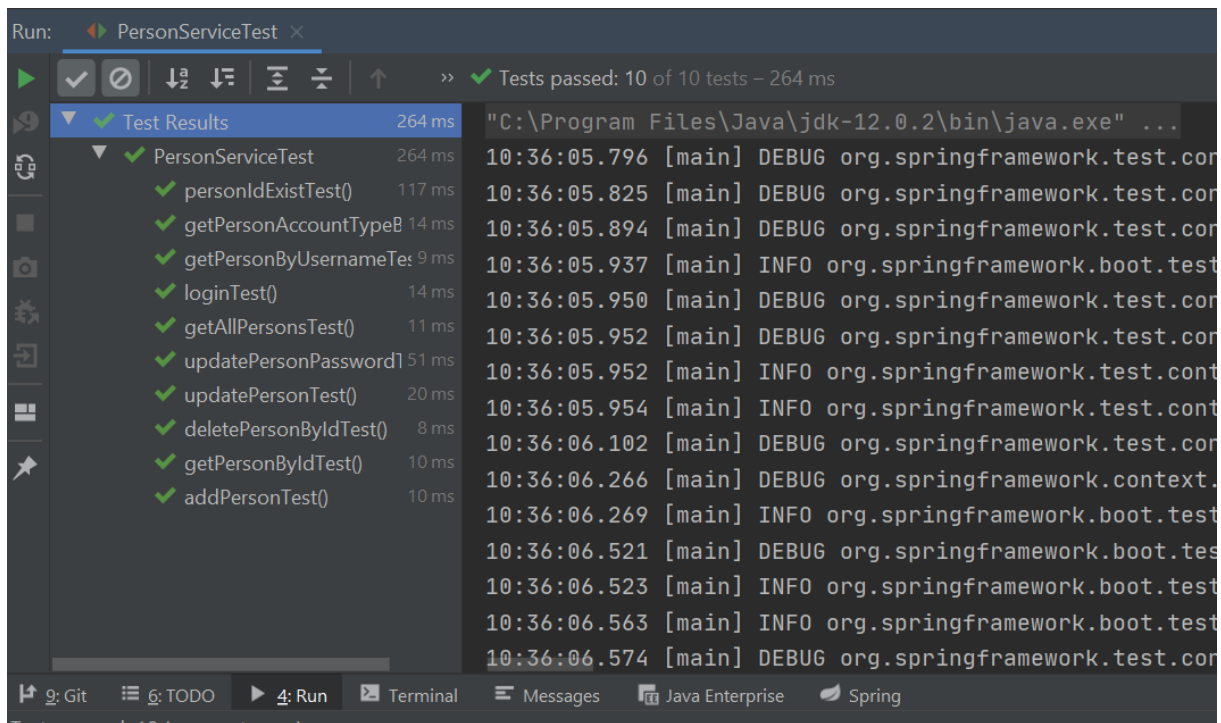# Springboot Unit Test documentation

Testing PersonService class functions

Summary: Functions available in the PersonService class are for retrieving information from Person table in the database and adding business logics from the information received to serve the PersonController class. Mock data is used to verify the accuracy of these functions.

List of unit test functions:

1. getAllPersonsTest()
2. loginTest()
3. getPersonAccountTypeByIdTest()
4. addPersonTest()
5. getPersonByIdTest()
6. getPersonByUsernameTest()
7. personIdExistTest()
8. updatePersonTest()
9. updatePersonPasswordTest()
10. deletePersonByIdTest()

Test execution and result evidence

Testing PersonController class functions

Summary: Functions available in the PersonController class contains functions which are directly consumed by the FrontEnd using POST/GET/DELETE requests. Mock data is used to verify the accuracy of these funtions

List of unit test functions:

1. LoginTest()
2. registerTest()
3. updatePersonTest()
4. updatePersonPasswordTest()
5. getPersonAccountTypeTest()
6. getAllPersonsTest()

Test execution and result evidence