DESIGN DOCUMENT

This program's working can be roughly divided into following modules:

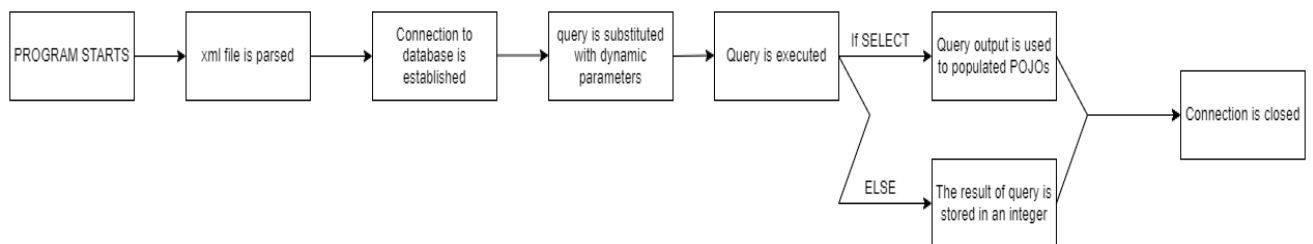The given xml file is parsed, and xml queries and paramTypes are filled in a list.

Connection to database is established.

paramType and passed paramters are comparred.

All parameters in query are filled with respective values.

The query is run and the result obtained is used to populate POJOs in case of SELECT queries.

DIAGRAM OF
EXECUTION OF
PROGRAM

Tests Passed

Test Summary

12	0	0	3.873s
tests	failures	ignored	duration

100%
successful

Packages | Classes

Package	Tests	Failures	Ignored	Duration	Success rate
org.assign1_temp	12	0	0	3.873s	100%

Code Coverage

```
∨ ▣ assign1_temp  D:\Course_materials\CS305\Assignments\assign1_temp
    › ▣ .gradle
    › ▣ .idea
    › ▣ gradle
    ∨ ▣ lib
        › ▣ build
        ∨ ▣ src
            ∨ ▣ main
                ∨ ▣ java  100% classes, 98% lines covered
                    ∨ ▣ org.assign1_temp  100% classes, 98% lines covered
                        ∨ Ⓒ finalimplementation2.java
                            Ⓒ finalImplementation2  100% methods, 97% lines covered
                        Ⓒ Queries  100% methods, 100% lines covered
                        ▣ queries.xml
                        Ⓒ ResultSetMapper  100% methods, 100% lines covered
                        Ⓒ sqlResult2  100% methods, 100% lines covered
                        ① SqlRunner
                        Ⓒ testclass2
                        Ⓒ xml_parser  100% methods, 100% lines covered
                ▣ resources
            › ▣ test
        ▣ build.gradle
        ▣ .gitattributes
        ▣ .gitignore
        ▣ gradlew
        ▣ gradlew.bat
        ▣ README.txt
        ▣ settings.gradle
    › ▥ External Libraries
```