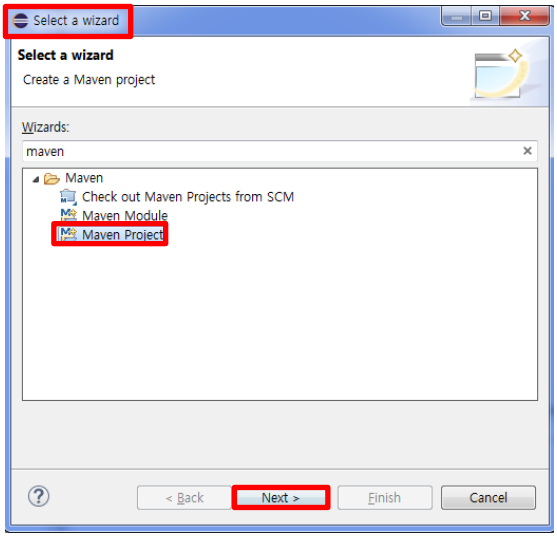
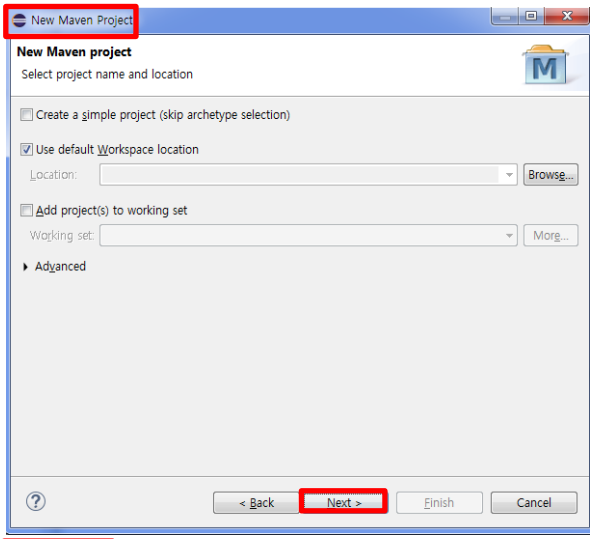
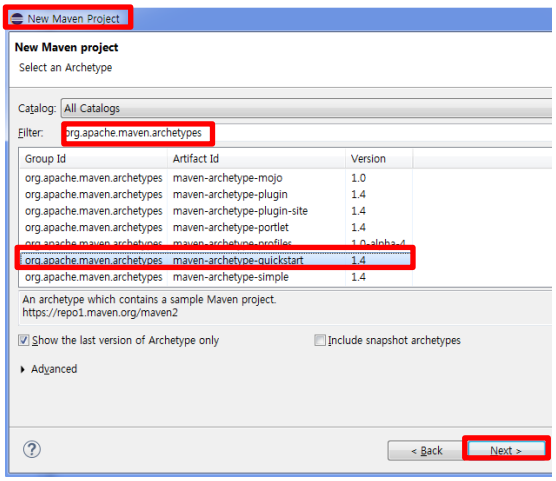
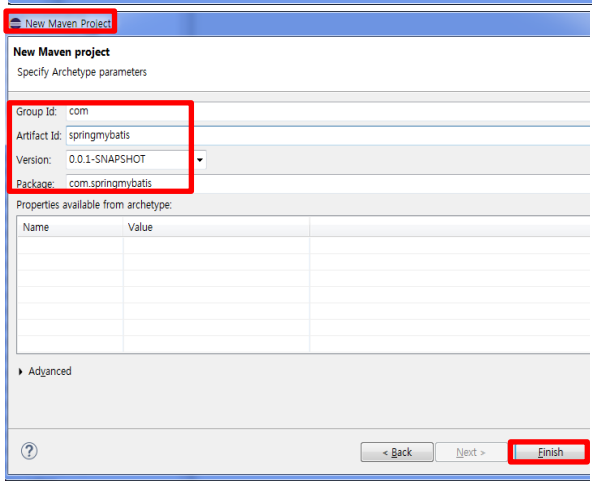
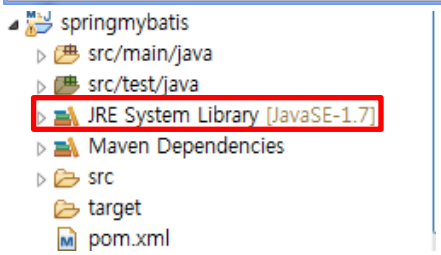
1. 프로젝트 만들기



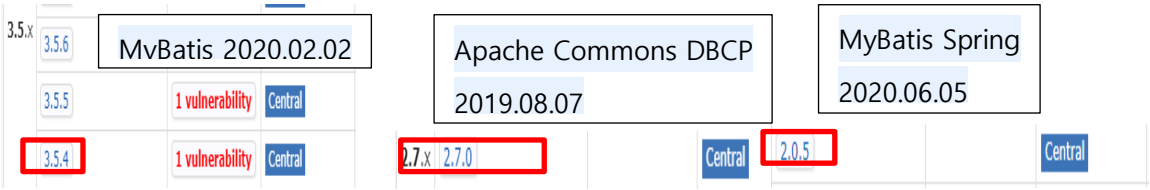








2. 메이븐 프로젝트 설정파일 편집: pom.xml

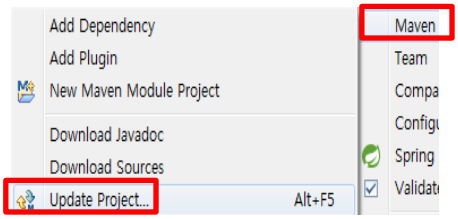


springmybatis/pom.xml

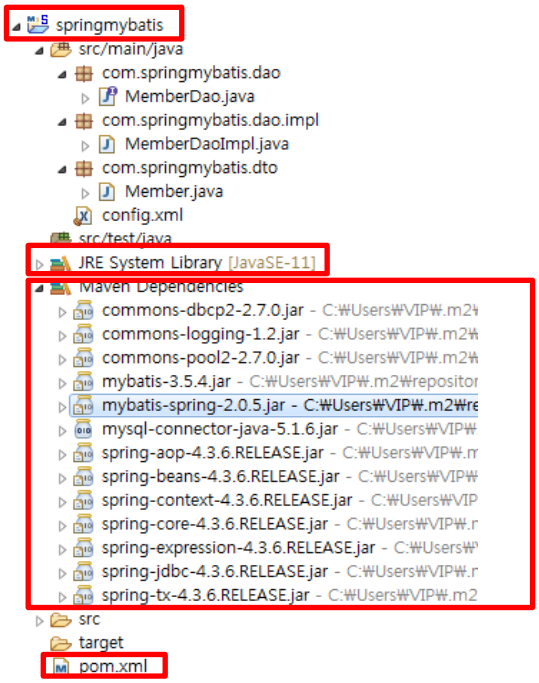
```
<properties>
    <springframework.version>4.3.6.RELEASE</springframework.version>
</properties>

<dependencies>
    <dependency>
        <groupId>org.springframework</groupId>
        <artifactId>spring-core</artifactId>
        <version>${springframework.version}</version>
    </dependency>
    <dependency>
        <groupId>org.springframework</groupId>
        <artifactId>spring-context</artifactId>
        <version>${springframework.version}</version>
    </dependency>

    <dependency>
        <groupId>org.springframework</groupId>
        <artifactId>spring-jdbc</artifactId>
        <version>${springframework.version}</version>
    </dependency>
    <dependency>
        <groupId>org.mybatis</groupId>
        <artifactId>mybatis</artifactId>
        <version>3.5.4</version>
    </dependency>
    <dependency>
        <groupId>org.mybatis</groupId>
        <artifactId>mybatis-spring</artifactId>
        <version>2.0.5</version>
    </dependency>
    <dependency>
        <groupId>org.apache.commons</groupId>
        <artifactId>commons-dbcp2</artifactId>
        <version>2.7.0</version>
    </dependency>
    <dependency>
        <groupId>mysql</groupId>
        <artifactId>mysql-connector-java</artifactId>
        <version>5.1.6</version>
    </dependency>
</dependencies>
<build>
    <pluginManagement>
        <plugins>
            <plugin>
                <groupId>org.apache.maven.plugins</groupId>
                <artifactId>maven-compiler-plugin</artifactId>
                <version>3.8.0</version>
                <configuration>
                    <source>11</source>
```



3. 완성된 기본 프로젝트



4. 테이블 생성
5. DTO 클래스 만들기
6. DAO 클래스 만들기(인터페이스와 구현체 만들기)
7. 스프링 프레임워크 설정파일 만들기: config.xml

config.xml

```xml
<?xml version="1.0" encoding="UTF-8"?>
<beans xmlns="http://www.springframework.org/schema/beans"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:context="http://www.springframework.org/schema/context"
    xmlns:p="http://www.springframework.org/schema/p"
    xmlns:c="http://www.springframework.org/schema/c"
    xsi:schemaLocation="http://www.springframework.org/schema/beans
    http://www.springframework.org/schema/beans/spring-beans.xsd
    http://www.springframework.org/schema/context
    http://www.springframework.org/schema/context/spring-context.xsd">

    <bean
        class="org.apache.commons.dbcp2.BasicDataSource"
        name="dbcp"
        p:driverClassName="com.mysql.jdbc.Driver"
        p:url="jdbc:mysql://localhost/mydb"
        p:username="kimht" p:password="kimht" />

    <bean
        class="org.mybatis.spring.SqlSessionFactoryBean"
        name="sqlSessionFactoryBean"
        p:dataSource-ref="dbcp"
        p:mapperLocations="classpath:/mybatis/config/*.xml"
        p:typeAliasesPackage="com.springmybatis.dto" />

    <bean
        class="org.mybatis.spring.SqlSessionTemplate"
        name="sqlSessionTemplate"
        c:sqlSessionFactory-ref="sqlSessionFactoryBean" />

    <bean class="com.springmybatis.dao.impl.MemberDaoImpl"
        name="memberDao">
        <constructor-arg ref="sqlSessionTemplate" />
    </bean>

</beans>
```

8. SQL 매퍼 만들기

member.xml

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!-- Sql Mapper -->
<!DOCTYPE mapper
PUBLIC "-//mybatis.org//DTD Mapper 3.0//EN"
"http://mybatis.org/dtd/mybatis-3-mapper.dtd">
<mapper namespace="member">
    <select id="findMemberId" resultType="member">
        SELECT  id, password, name, address
        FROM    member
        WHERE   id=#{value}
    </select>
</mapper>
```

9. 데이터 조회 테스트 및 실행

10. 데이터 입력 테스트 및 실행