

프로그래밍 언어 응용

2022-09-15 정기 수행평가

홍민준

목차

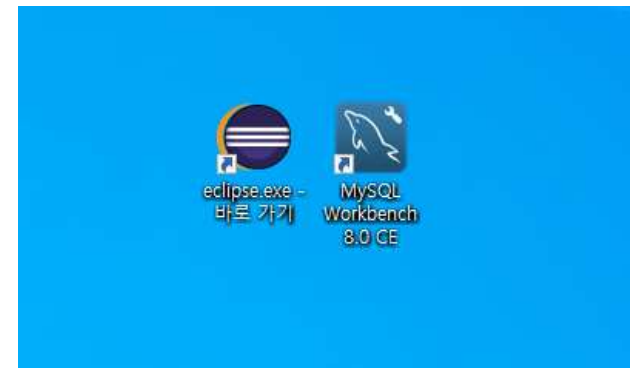
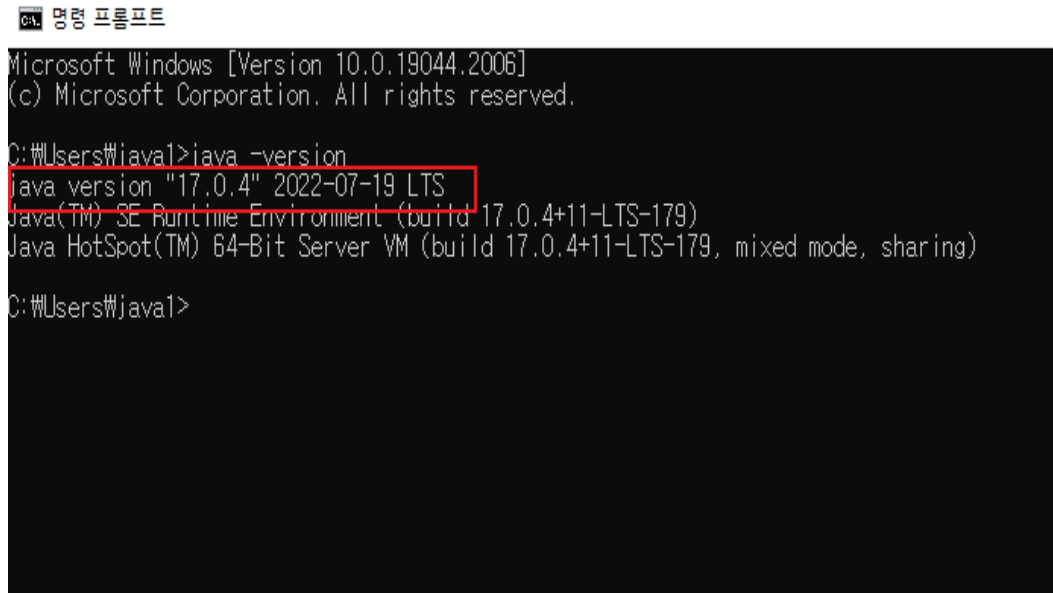
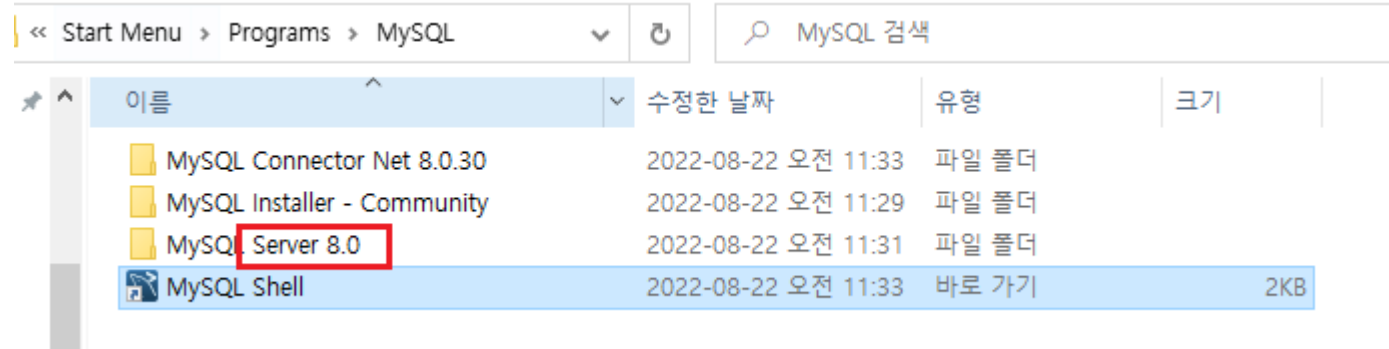
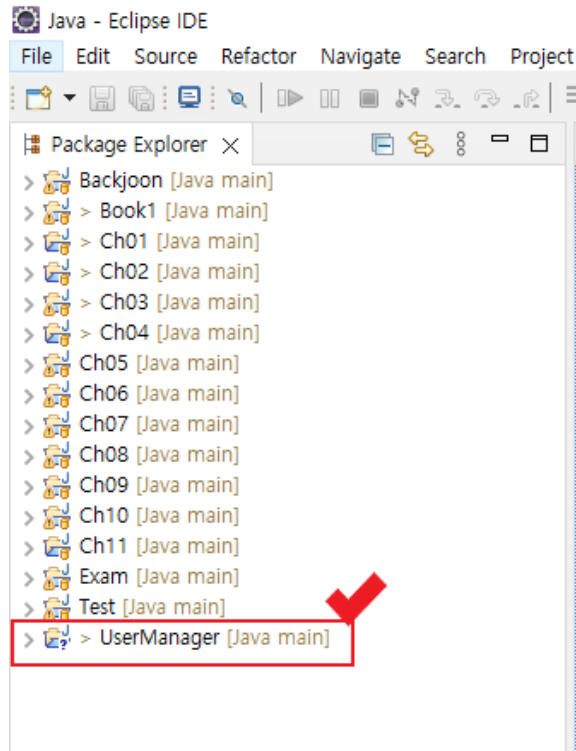
⊙ 문제 1번

⊙ 문제 2번

⊙ 문제 3번

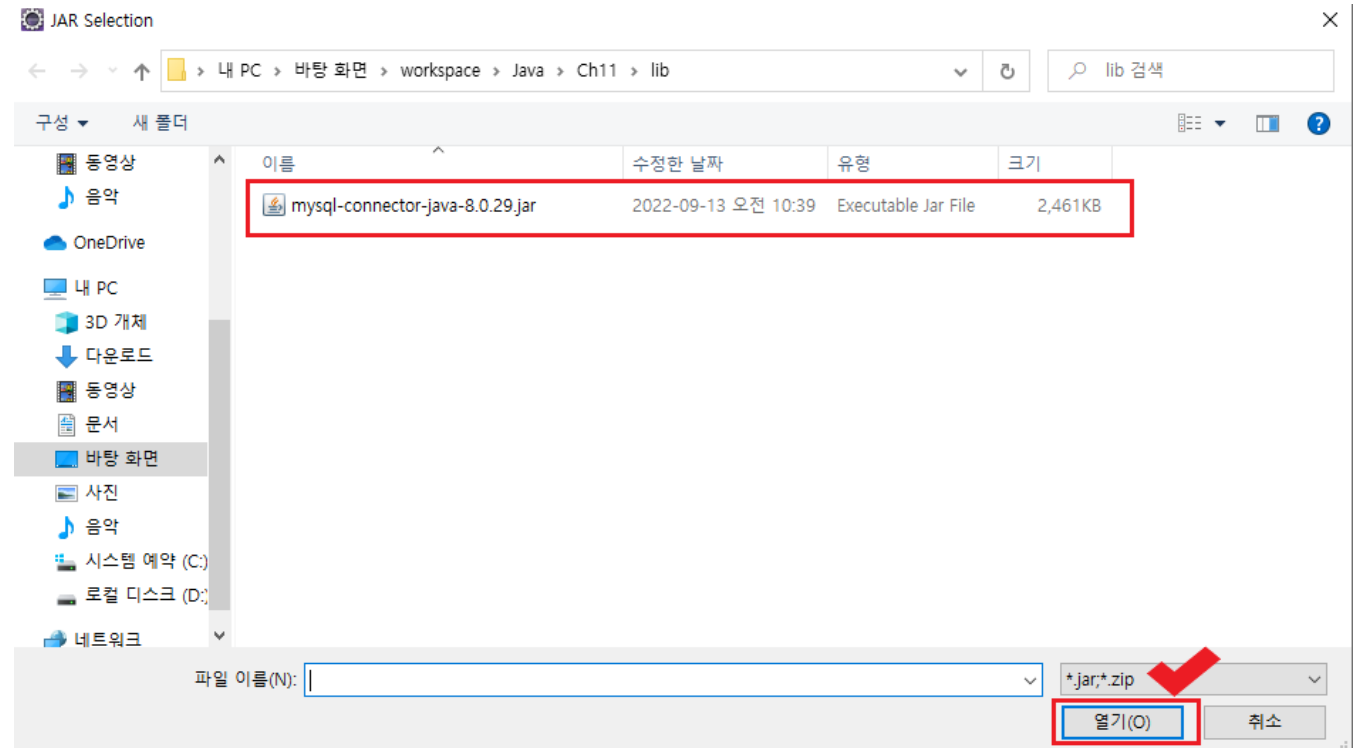
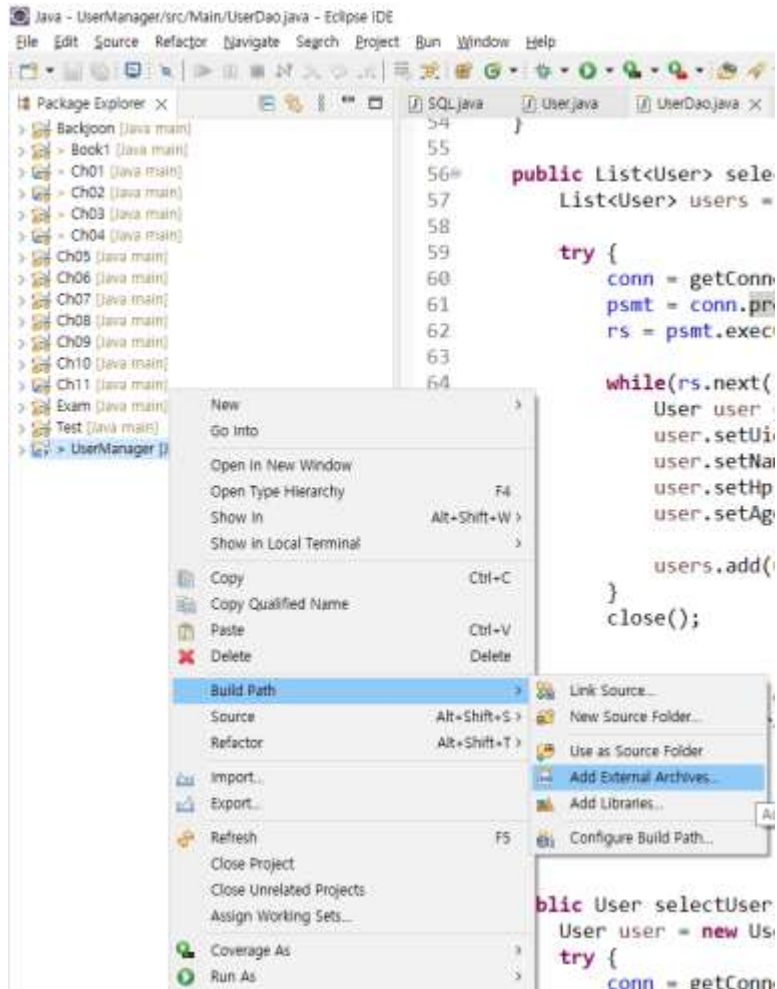
⊙ 문제 4번

Q 1 - 프로젝트 생성



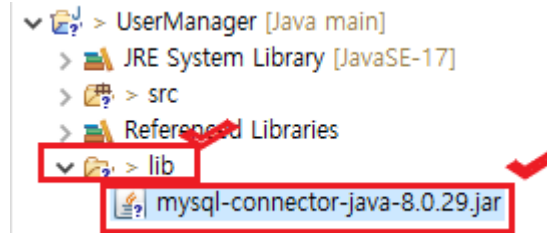
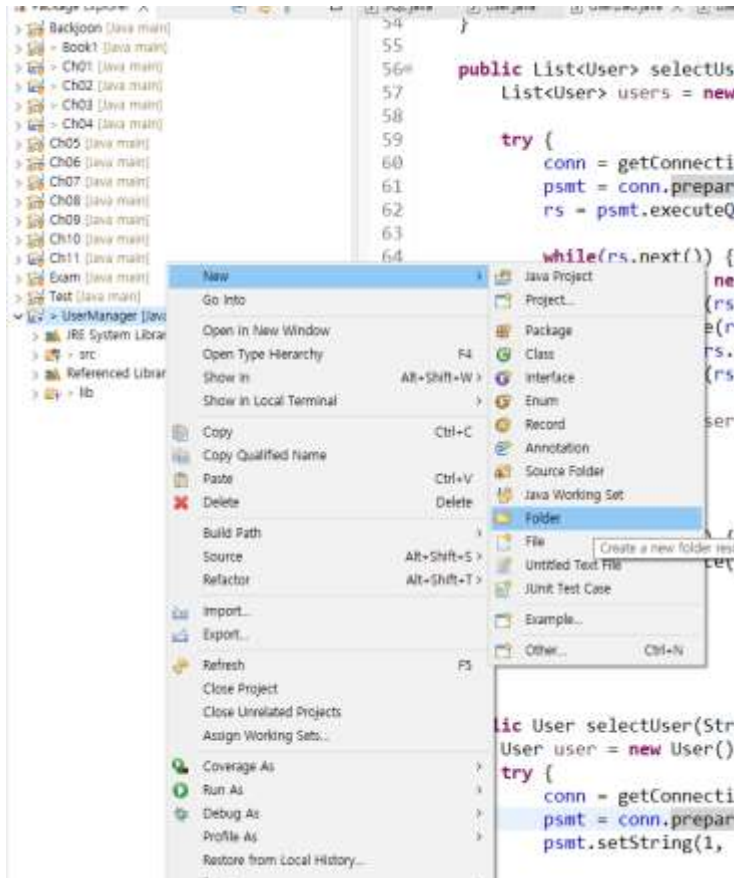
Q 2 - 라이브러리 설정 (1)

- 프로젝트 – Build Path – Add External Archives... 선택 – mysql-connector-java-8.x.x.jar 선택











Q 2 - 라이브러리 설정 (2)

- 프로젝트 - 새폴더 - lib 생성 - mysql-connector-java-8.x.x.jar 이동



Q 3 - 프로그램 구성

- ▼  > UserManager [Java main]
 - >  JRE System Library [JavaSE-17]
 - ▼  > src
 - ▼  > Main
 - >  SQL.java
 - >  User.java
 - >  UserDao.java
 - >  UserMain.java

Q 4 - 프로그램 작성 (1)

◎ CODE

```
//DB정보
String host = "jdbc:mysql://127.0.0.1:3306/java1db";
private String user = "root";
private String pass = "1234";

private Connection getConnection() throws ClassNotFoundException, SQLException{
    Class.forName("com.mysql.cj.jdbc.Driver");
    Connection conn = DriverManager.getConnection(host, user, pass);
    return conn;
}
```

```
public void insertUser(User user) {
    try {
        conn = getConnection();
        psmt = conn.prepareStatement(SQL.INSERT_USER);
        psmt.setString(1, user.getId());
        psmt.setString(2, user.getName());
        psmt.setString(3, user.getHp());
        psmt.setInt(4, user.getAge());
        psmt.executeUpdate();

        close();
    }
```

```
try {
    conn = getConnection();
    psmt = conn.prepareStatement(SQL.SELECT_USERS);
    rs = psmt.executeQuery(SQL.SELECT_USERS);
}
```

```
try {
    conn = getConnection();
    psmt = conn.prepareStatement(SQL.SELECT_USER);
    psmt.setString(1, name);

    rs = psmt.executeQuery();
}
```

Q 4 - 프로그램 작성 (2)

○ RESULT

```
*****
```

```
회원관리매니저 v1.0
```

```
*****
```

```
-----  
종료:0, 입력:1, 조회:2, 검색:3, 삭제:4
```

```
선택 : 2
```

```
-----전체조회-----
```

```
a101,김유신,010-1234-1001,25
```

```
a102,김준추,010-1234-1002,23
```

```
-----  
종료:0, 입력:1, 조회:2, 검색:3, 삭제:4
```

```
선택 : 1
```

```
아이디 입력 : a103
```

```
이름 입력 : 장보고
```

```
휴대폰 입력 : 010-1234-1003
```

```
나이 입력 : 31
```

```
입력 완료...
```

```
-----  
종료:0, 입력:1, 조회:2, 검색:3, 삭제:4
```

```
선택 : 0
```

```
프로그램 종료...
```

```
*****
```

```
회원관리매니저 v1.0
```

```
*****
```

```
-----  
종료:0, 입력:1, 조회:2, 검색:3, 삭제:4
```

```
선택 : 3
```

```
이름 검색 : 김유신
```

```
-----검색결과-----
```

```
a101,김유신,010-1234-1001,25
```

```
-----  
종료:0, 입력:1, 조회:2, 검색:3, 삭제:4
```

```
선택 : 4
```

```
삭제아이디 : a101
```

```
아이디a101삭제완료
```

```
-----  
종료:0, 입력:1, 조회:2, 검색:3, 삭제:4
```

```
선택 : 2
```

```
-----전체조회-----
```

```
a102,김준추,010-1234-1002,23
```

```
a103,장보고,010-1234-1003,31
```

```
-----  
종료:0, 입력:1, 조회:2, 검색:3, 삭제:4
```

```
선택 : 0
```

```
프로그램 종료...
```