

웹서버프로그래밍

08. 데이터베이스와 SQL, JSP 연동 2

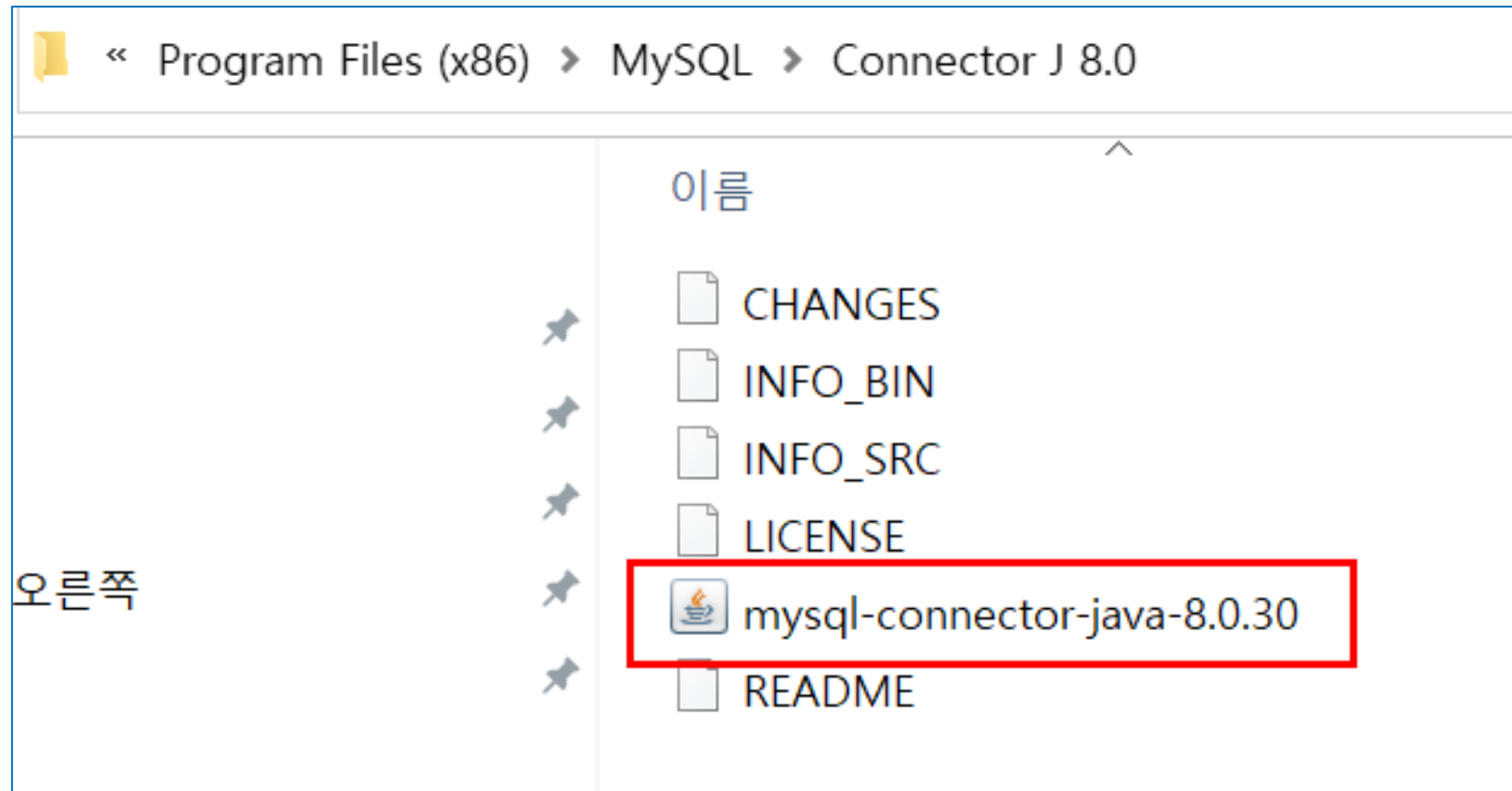
한성대학교 컴퓨터공학부 신 성



JDBC 드라이버 연동

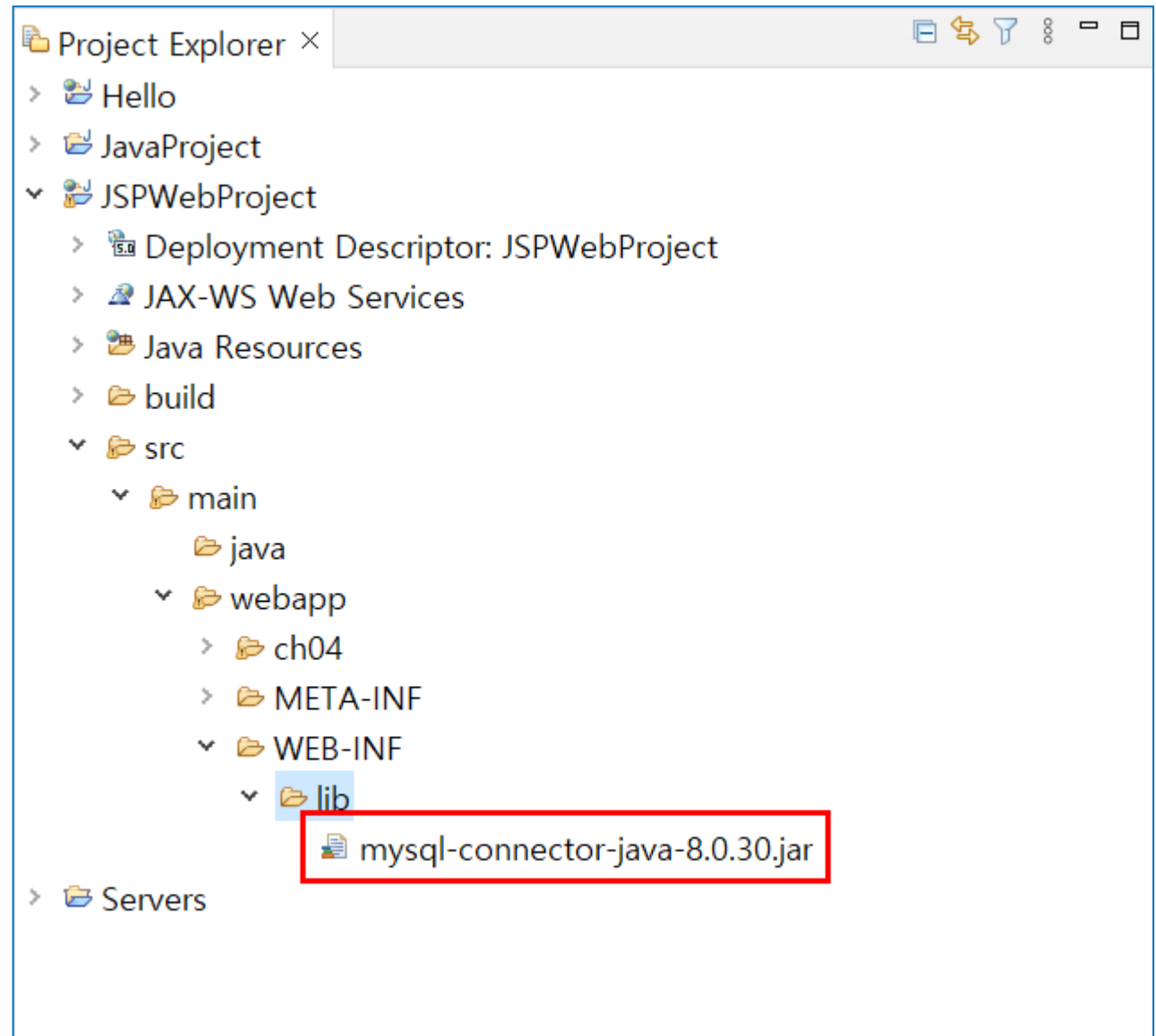
JDBC 연동

- JDBC 위치 확인, ctrl+c 복사



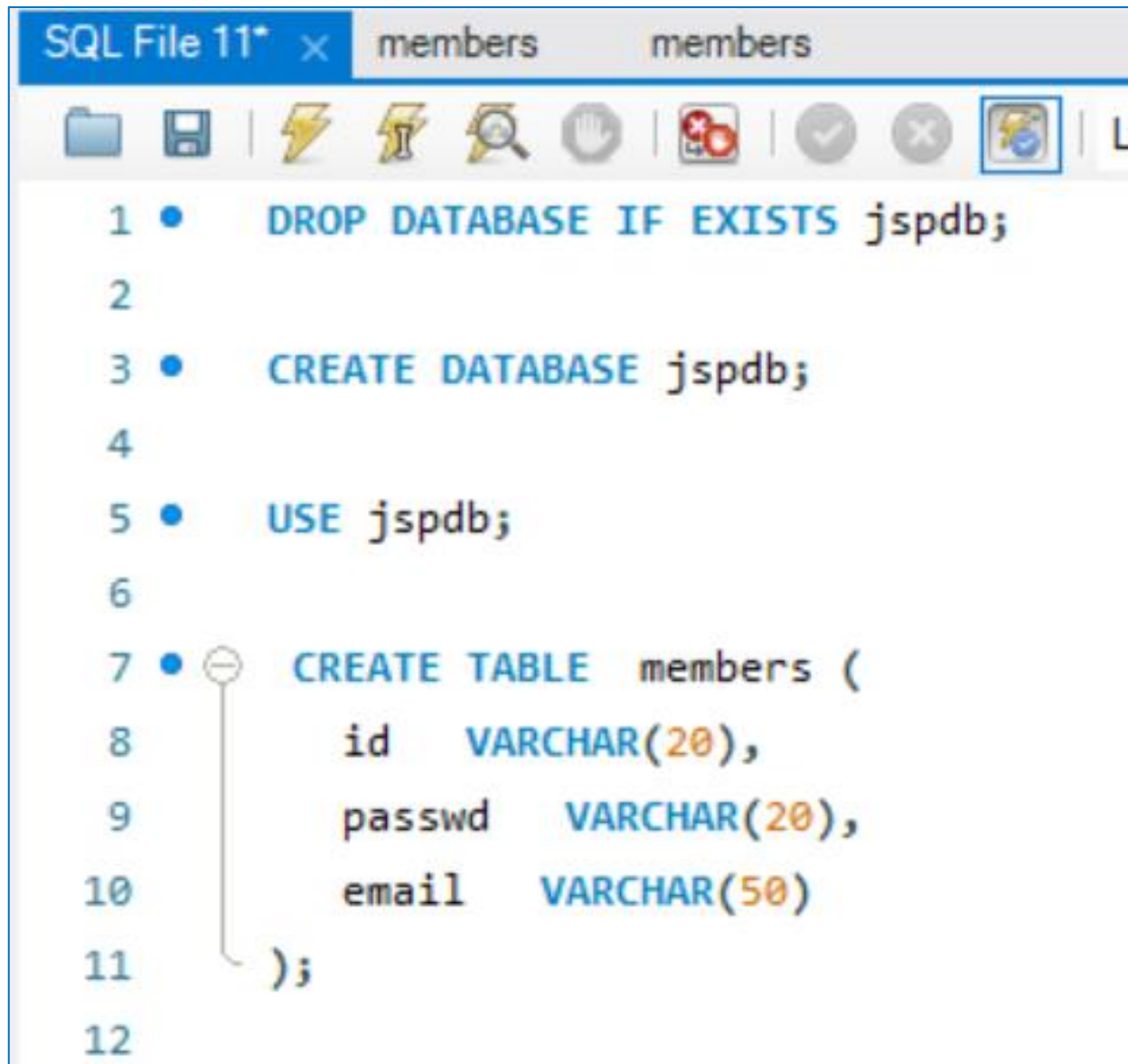
JDBC 연동

- 오른쪽 위치에 ctrl+v 해서 붙여넣기



JDBC 연동

- MySQL에서 DB 생성



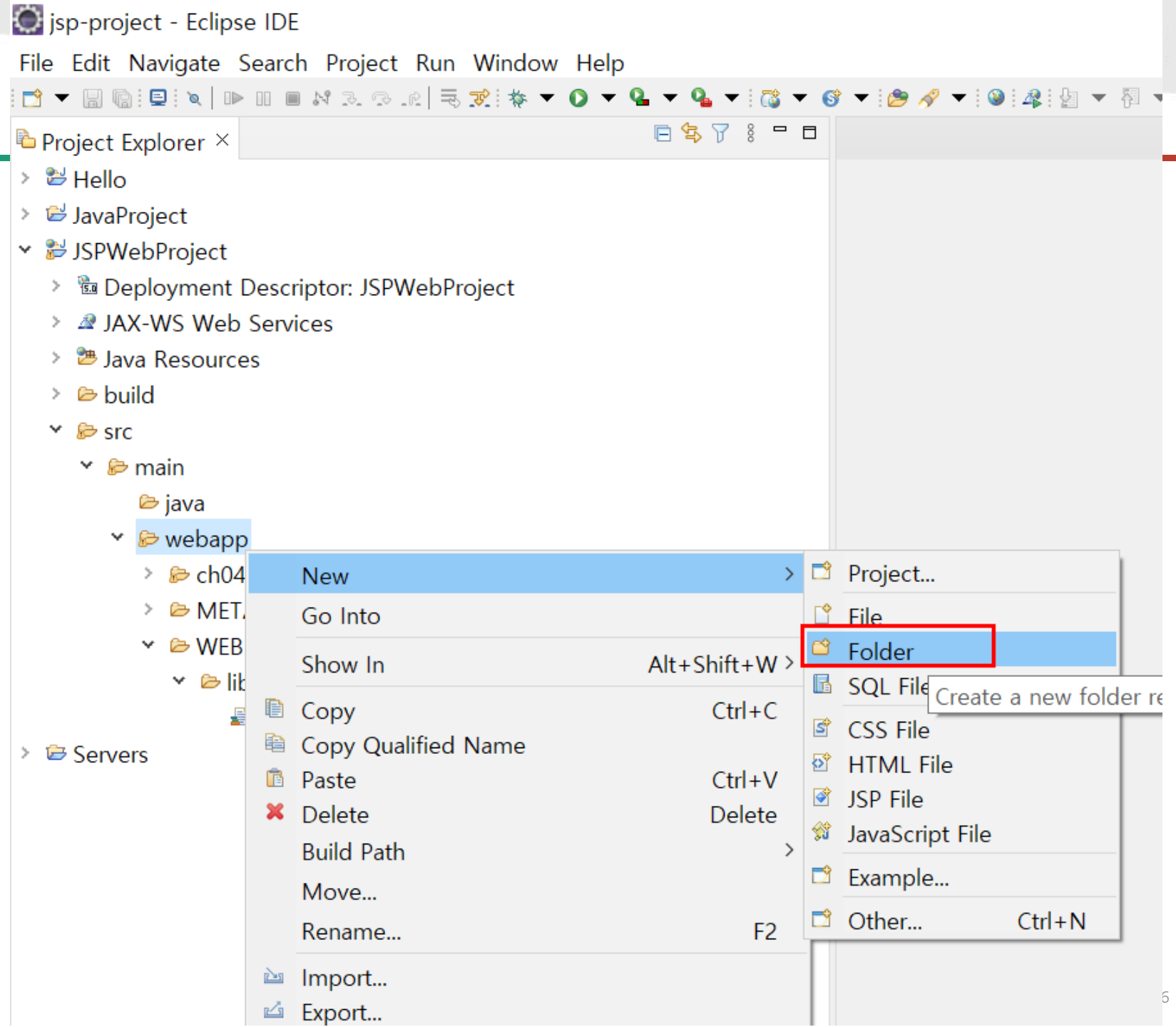
The screenshot shows a MySQL SQL editor window with the title bar 'SQL File 11*' and two tabs labeled 'members'. The editor contains the following SQL commands:

```
1 DROP DATABASE IF EXISTS jspdb;  
2  
3 CREATE DATABASE jspdb;  
4  
5 USE jspdb;  
6  
7 CREATE TABLE members (  
8     id VARCHAR(20),  
9     passwd VARCHAR(20),  
10    email VARCHAR(50)  
11 );  
12
```

The code is color-coded: keywords are blue, identifiers are black, and string literals are orange. A blue box highlights the 'members' tab in the title bar. A blue box also highlights the 'Run' button (a lightning bolt icon) in the toolbar. A vertical line with a circle at the top connects the minus sign icon on line 7 to the closing parenthesis on line 11.

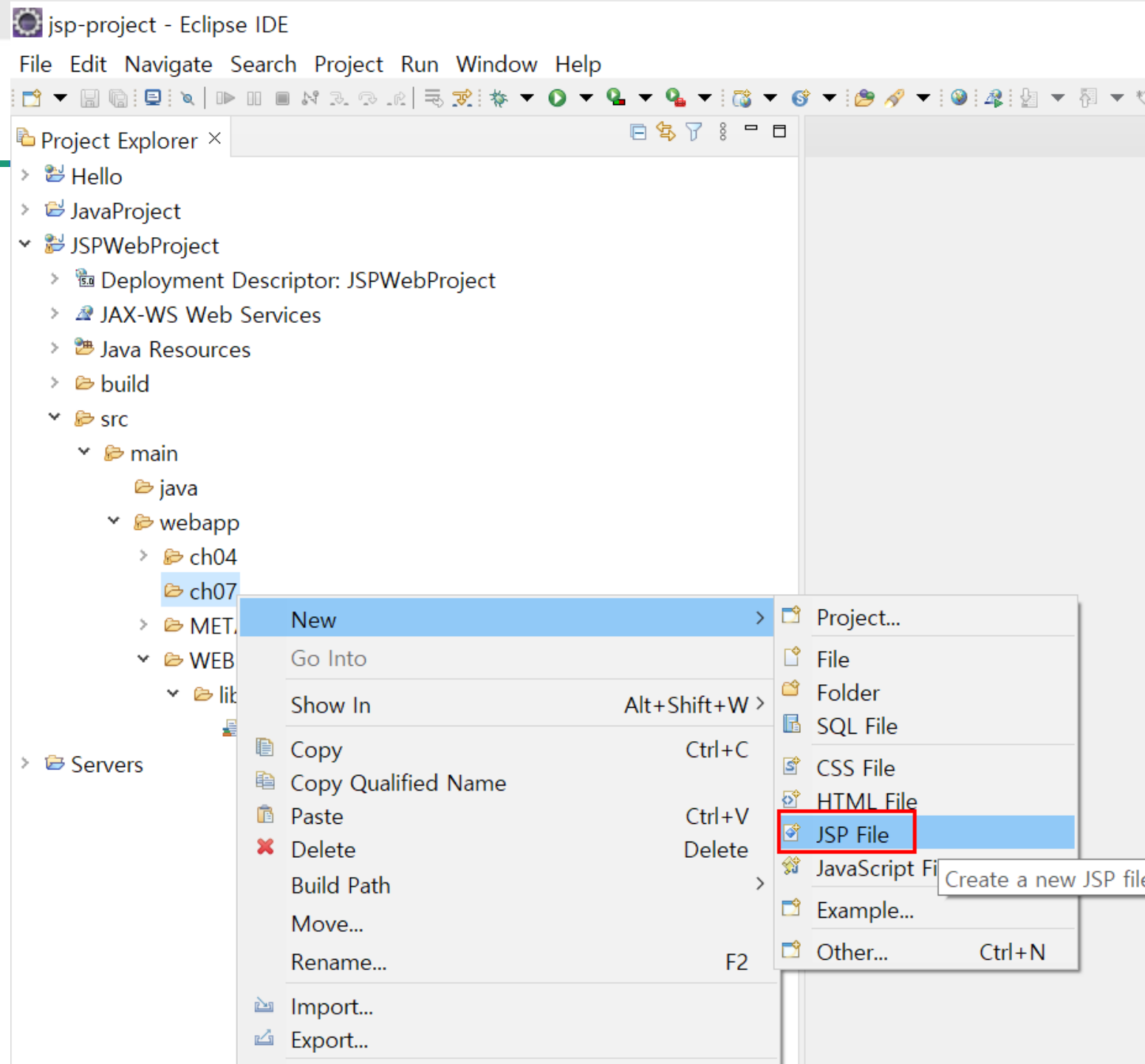
JDBC 연동

■ ch07 폴더 생성



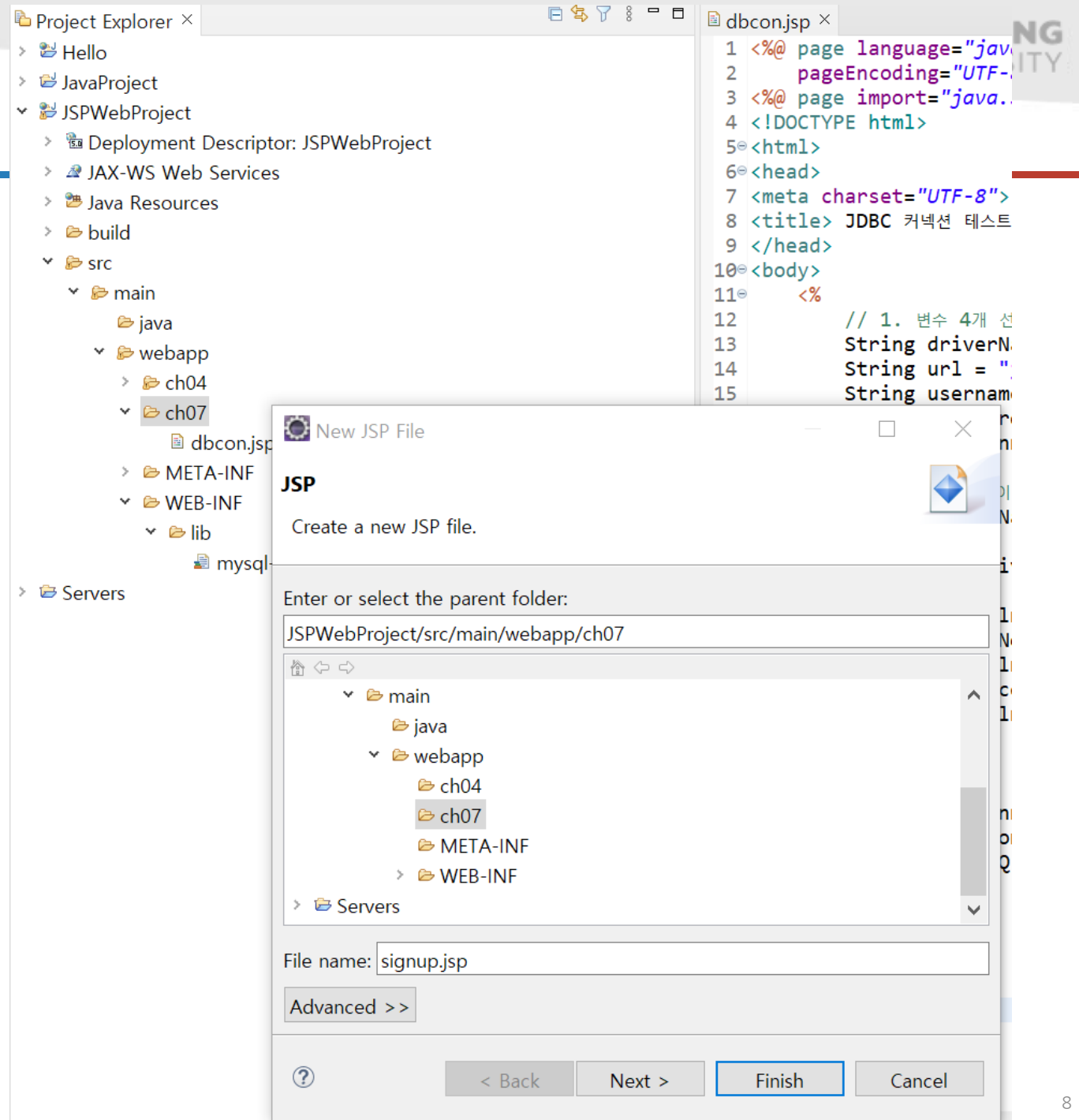
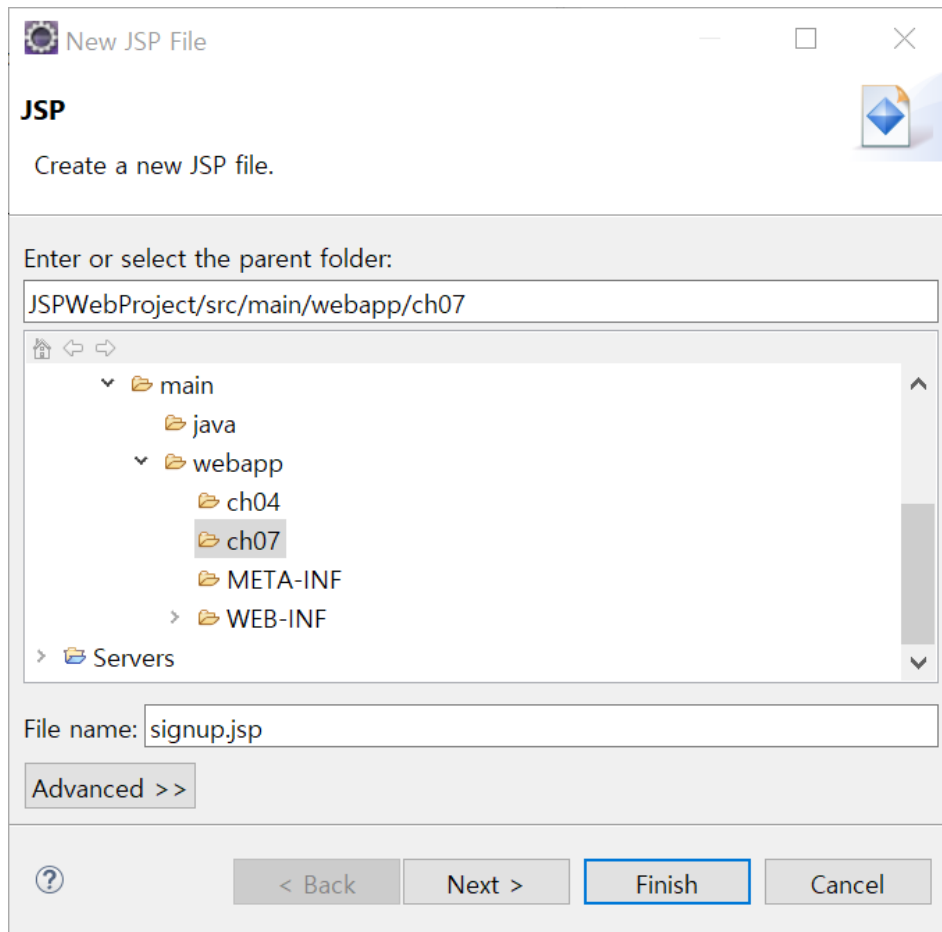
JDBC 연동

JSP 파일 생성



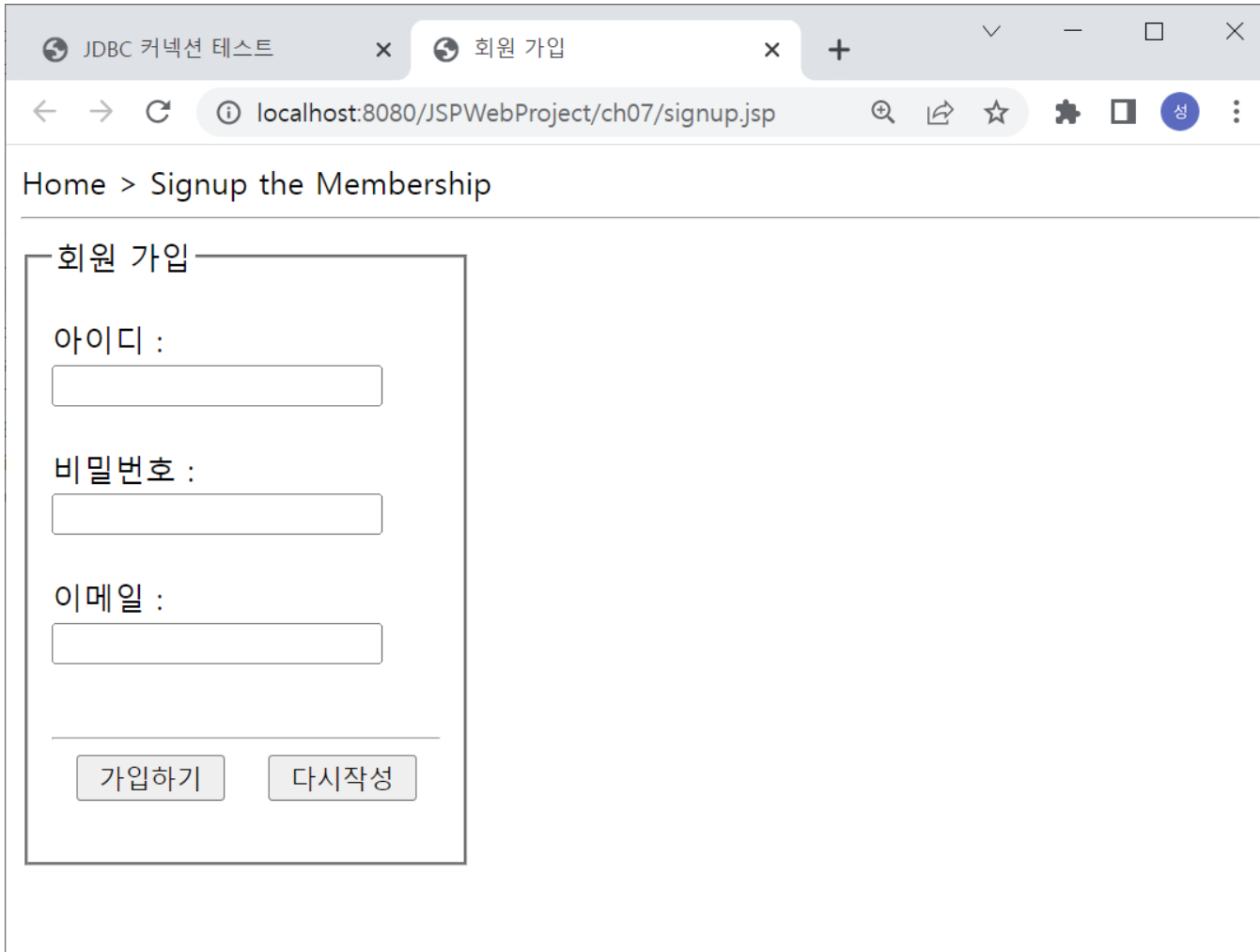
JDBC 연동

■ signup.jsp 파일 생성



JDBC 연동

■ 실행 결과



The screenshot shows a web browser window with two tabs: 'JDBC 커넥션 테스트' and '회원 가입'. The address bar displays 'localhost:8080/JSPWebProject/ch07/signup.jsp'. The page content includes a breadcrumb 'Home > Signup the Membership' and a form titled '회원 가입' (Membership Signup). The form contains three input fields: '아이디 :' (ID), '비밀번호 :' (Password), and '이메일 :' (Email). At the bottom of the form are two buttons: '가입하기' (Sign Up) and '다시작성' (Re-enter).

JDBC 커넥션 테스트 x 회원 가입 x +

localhost:8080/JSPWebProject/ch07/signup.jsp

Home > Signup the Membership

회원 가입

아이디 :

비밀번호 :

이메일 :

가입하기 다시작성

JDBC 연동

■ 코드 입력

[illegible]

JDBC 연동

■ 결과 확인

회원 가입

Home > Signup the Membership

회원 가입

아이디 :
hansung

비밀번호 :
.....

이메일 :
hansung@hansung.ac.kr

가입하기 다시작성

가입 안내

회원가입 성공!

JDBC 연동

- signup_process.jsp 파일 생성 및 코드 작성

```
signup.jsp  signup_process.jsp ×  dbcon.jsp  Hello.jsp  search.jsp  submit.jsp  fo
1  <%@ page language="java" contentType="text/html; charset=UTF-8"
2  pageEncoding="UTF-8"%>
3  <%@ page import="java.sql.*" %>
4  <!DOCTYPE html>
5  <html>
6  <head>
7  <meta charset="UTF-8">
8  <title> 가입 안내 </title>
9  </head>
10 <body>
11
12 <%
13     String u_id = request.getParameter("userID");
14     String u_pw = request.getParameter("userPW");
15     String u_mail = request.getParameter("userMAIL");
16
17     String sql = "INSERT INTO members(id, passwd, email) VALUES";
18     sql += "(" + u_id + "," + u_pw + "," + u_mail + ")";
19
20     String driverName="com.mysql.jdbc.Driver";
21     String url = "jdbc:mysql://localhost:3306/jspdb";
22     String username = "root";
23     String password = "1234";
24
25     Class.forName(driverName);
26     Connection conn = DriverManager.getConnection(url, username, password);
27     Statement sm = conn.createStatement();
28
29     int count = sm.executeUpdate(sql);
30     if(count == 1){
31         out.println("회원가입 성공!");
32     }else{
33         out.println("회원가입 실패!");
34     }
35     sm.close();
36     conn.close();
37 %>
38
39 </body>
40
41 </html>
```

해보기

가을 | 가을 | HT x +

← → ↻ ⓘ localhost:8080/J... 🔍 📄 ☆ 🧩 📱 성 ⋮

Home > Signup the Membership

회원 가입

아이디 :

성별 : ☒ 남 ☐ 여

비밀번호 :

이메일 :





가을 | 가을 | HT x +

← → ↻ ⓘ localhost:8080/J... 🔍 📄 ☆ 🧩 📱 성 ⋮

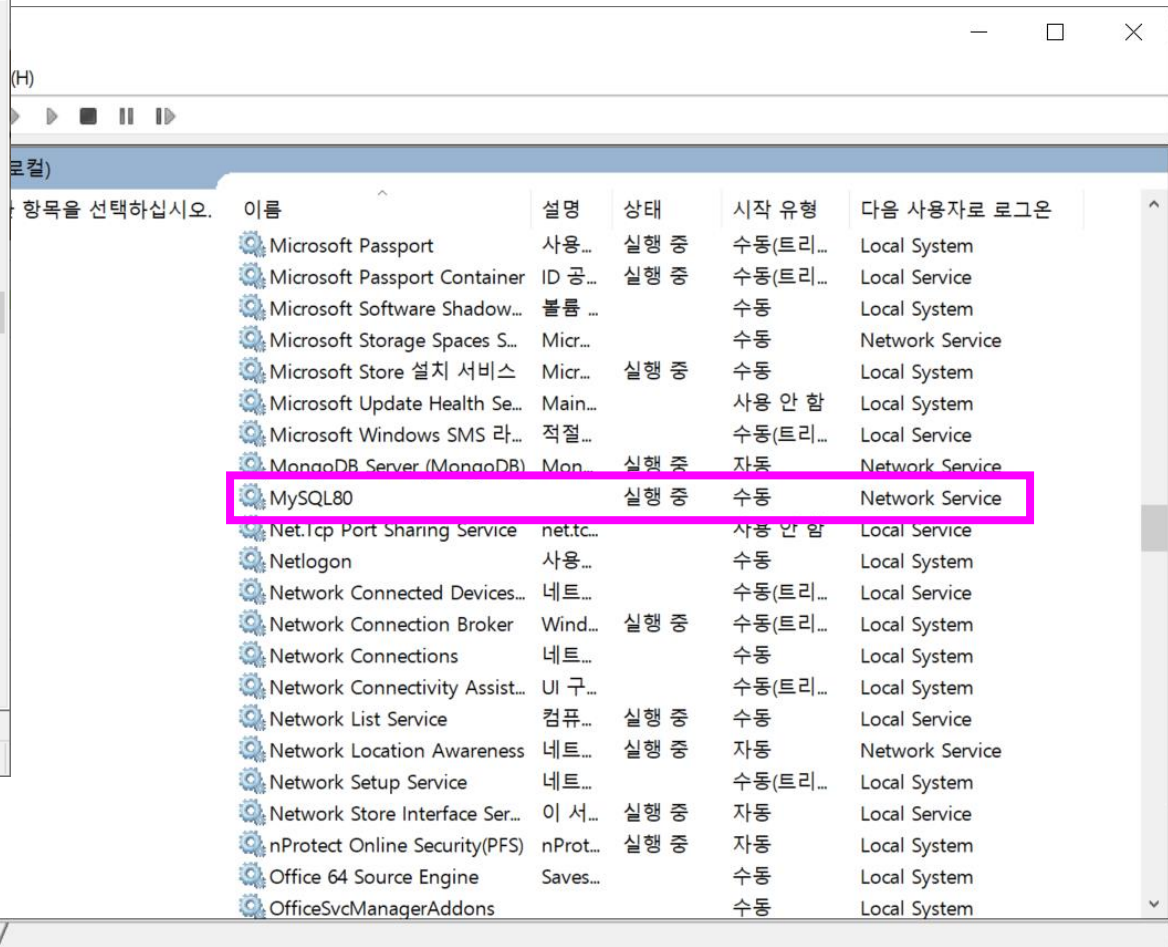
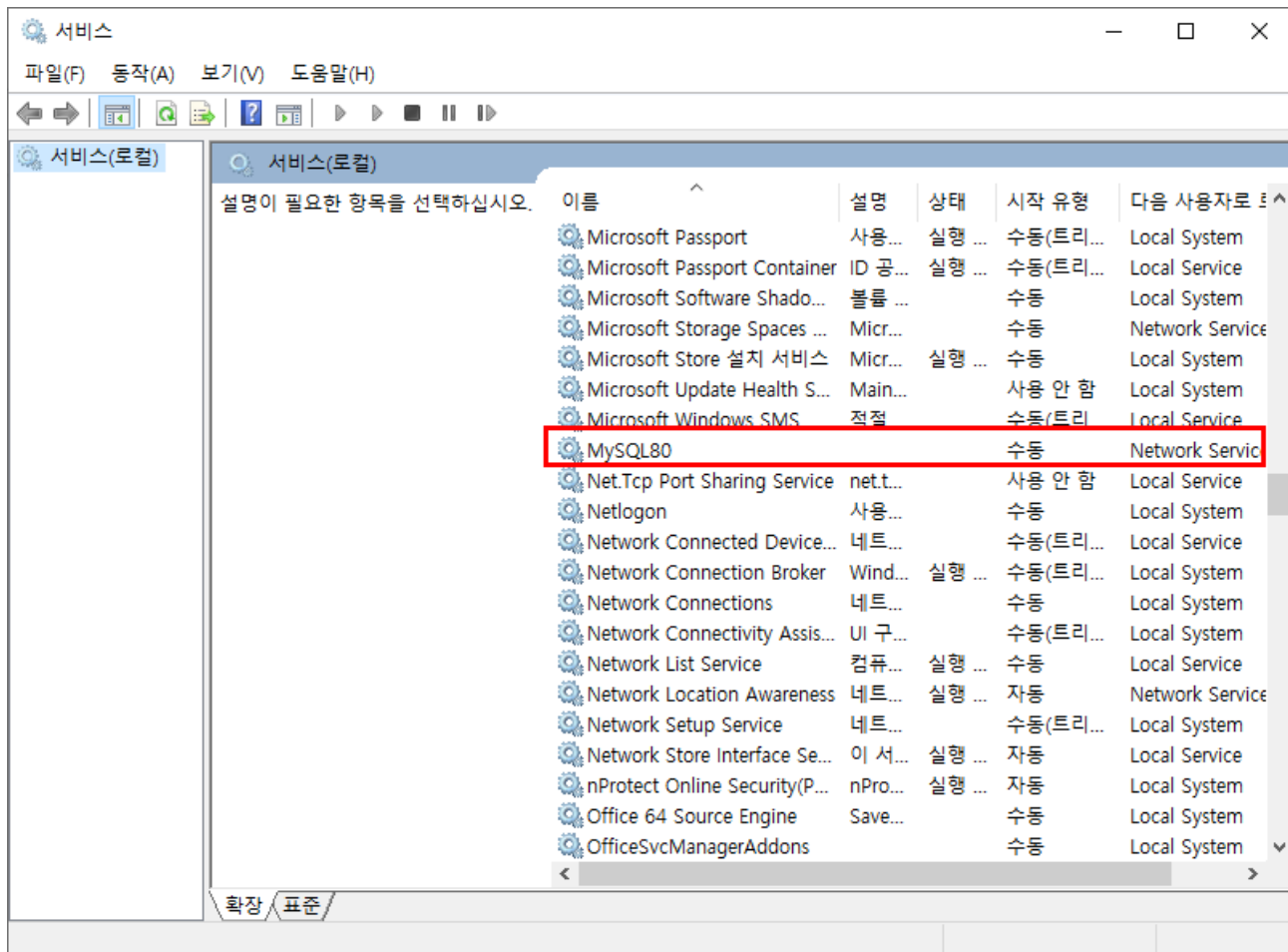
회원가입 성공!

실행 결과

- DB 저장 결과 확인

Result Grid			Filter Rows: <input type="text"/>	Export: 	Wrap Cell Content: 
	id	passwd	email	sex	
▶	hansung	asfd	hansung@hansung.ac.kr	남성	

[참고] 실습 전에 다음 MySQL 서버 실행 여부 확인





 **T h a n k y o u**

TECHNOLOGY

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Velit ex
plicabo ipsum, labore sed tempora ratione asperiores des
cenderat bore sed tempora rati jgert one bore sed tem!