

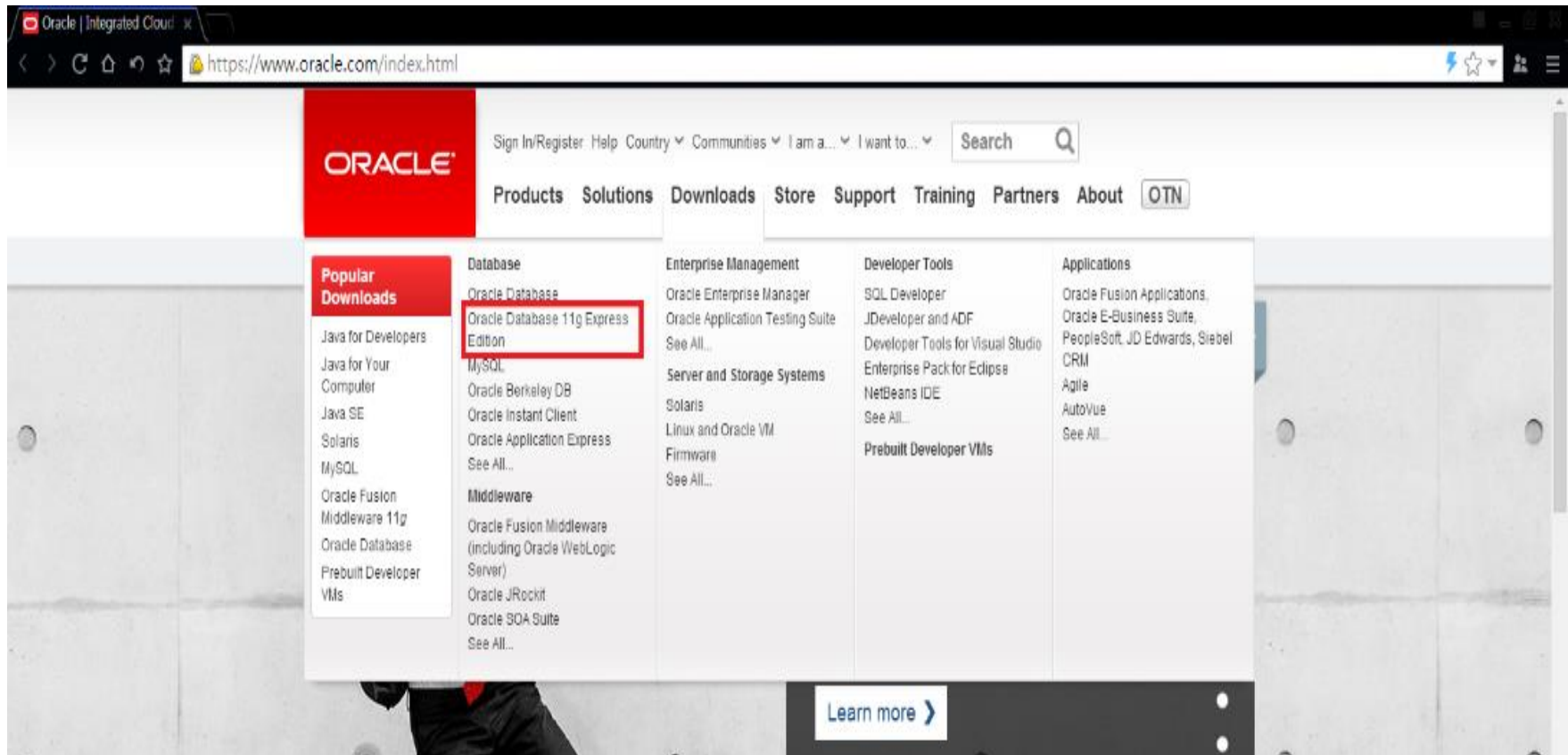
# 개발환경구축 (Oracle 11g XE)

## 개발환경 구축 순서

1. [www.oracle.com](http://www.oracle.com) 접속
2. Download - Oracle Database 11g Express Edition 다운로드
3. 설치 및 관리자 계정 암호 설정
4. DB 접속 확인 및 SQLplus 실행
5. 관리자 계정 로그인

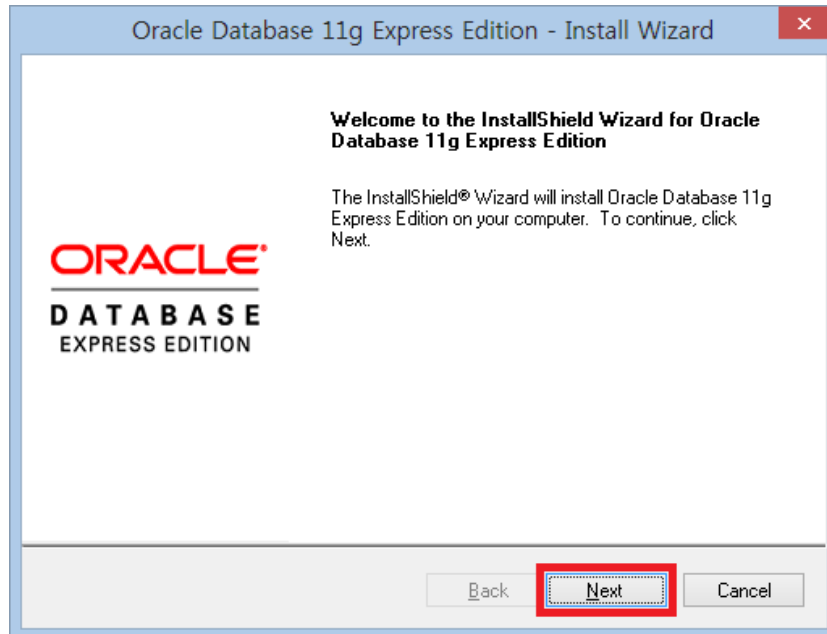
# 개발환경구축(Oracle 11g XE)

## Oracle 홈페이지 접속 및 다운로드



# 개발환경구축(Oracle 11g XE)

## 설치 및 암호 설정



# 개발환경구축(Oracle 11g XE)

## 설치 및 암호 설정

Oracle Database 11g Express Edition - Install Wizard

**Choose Destination Location**

Select folder where setup will install files.

Setup will install Oracle Database 11g Express Edition in the following folder.

To install to this folder, click Next. To install to a different folder, click Browse and select another folder.

☒ Oracle Database 11g Express Edition 631124 K

Destination Folder  
C:\oraclexe\ Browse...

Space Required on C: 631124 K  
Space Available on C: 173835572 K

InstallShield

Back **Next** Cancel

Oracle Database 11g Express Edition - Install Wizard

**Specify Database Passwords**

Enter and confirm passwords for the database. This password will be used for both the SYS and the SYSTEM database accounts.

Enter Password

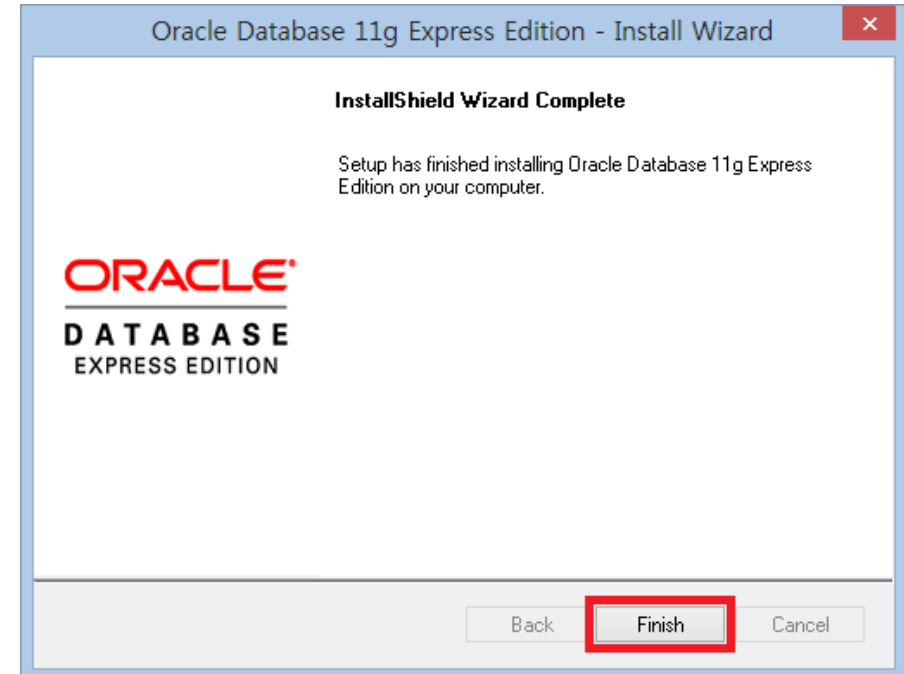
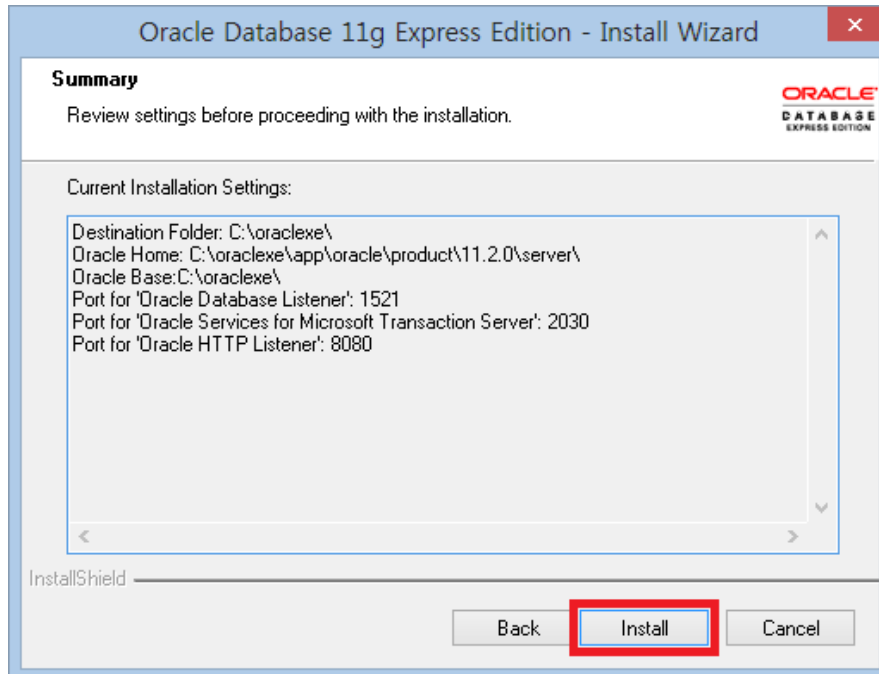
Confirm Password

InstallShield

Back Next Cancel

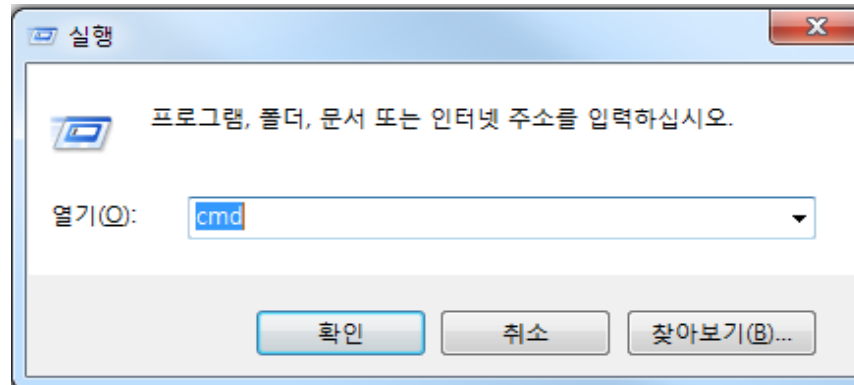
# 개발환경구축(Oracle 11g XE)

## 설치 및 암호 설정



# 개발환경구축(Oracle 11g XE)

## 설치 및 암호 설정



윈도우키 + R

```
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\test>sqlplus

SQL*Plus: Release 11.2.0.2.0 Production on 월 7월 17 19:52:34 2017

Copyright (c) 1982, 2014, Oracle. All rights reserved.

Enter user-name: _
```

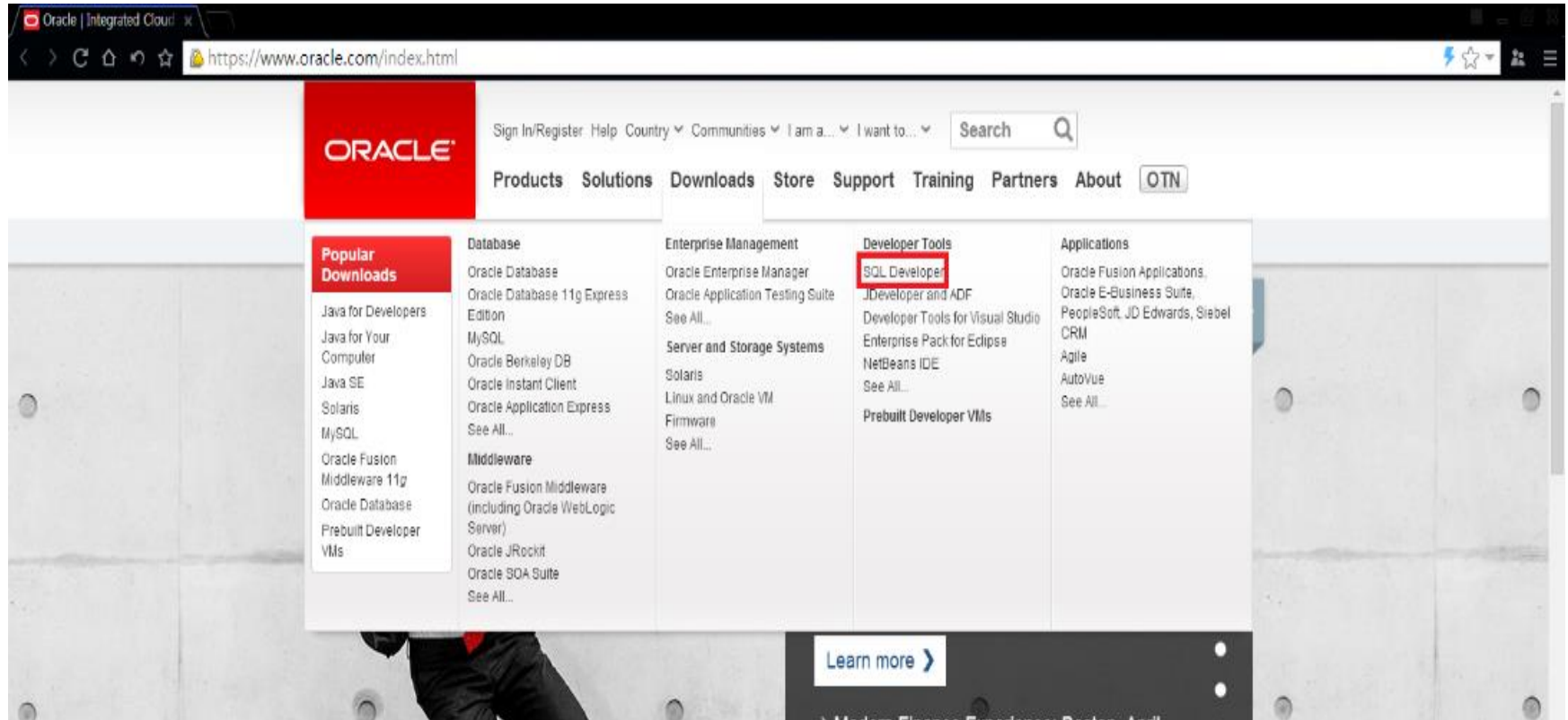
## SQL Developer 설치

1. [www.oracle.com](http://www.oracle.com) 접속
2. Download – SQL Developer 다운로드
3. 압축 해제 후 바로 실행



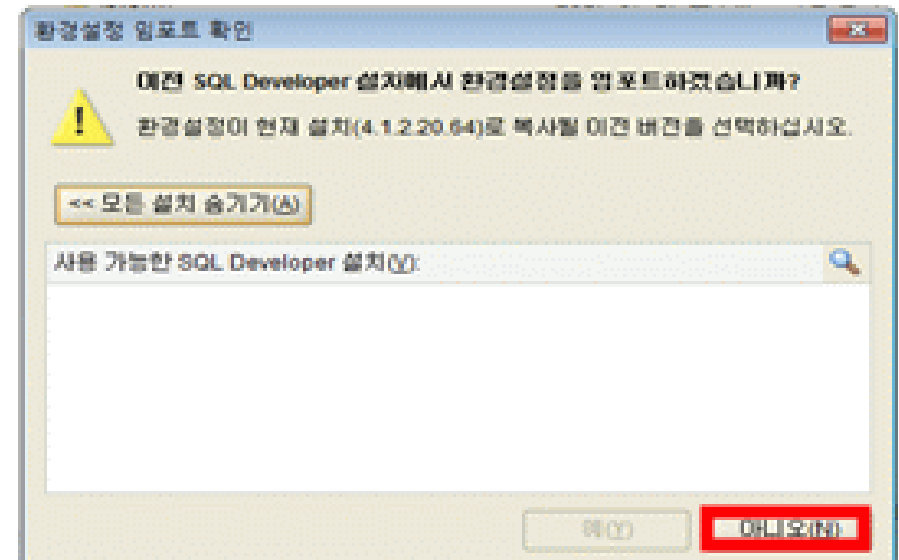
# 개발환경구축(Oracle 11g XE)

## Oracle 홈페이지 접속 및 다운로드



# 개발환경구축(Oracle 11g XE)

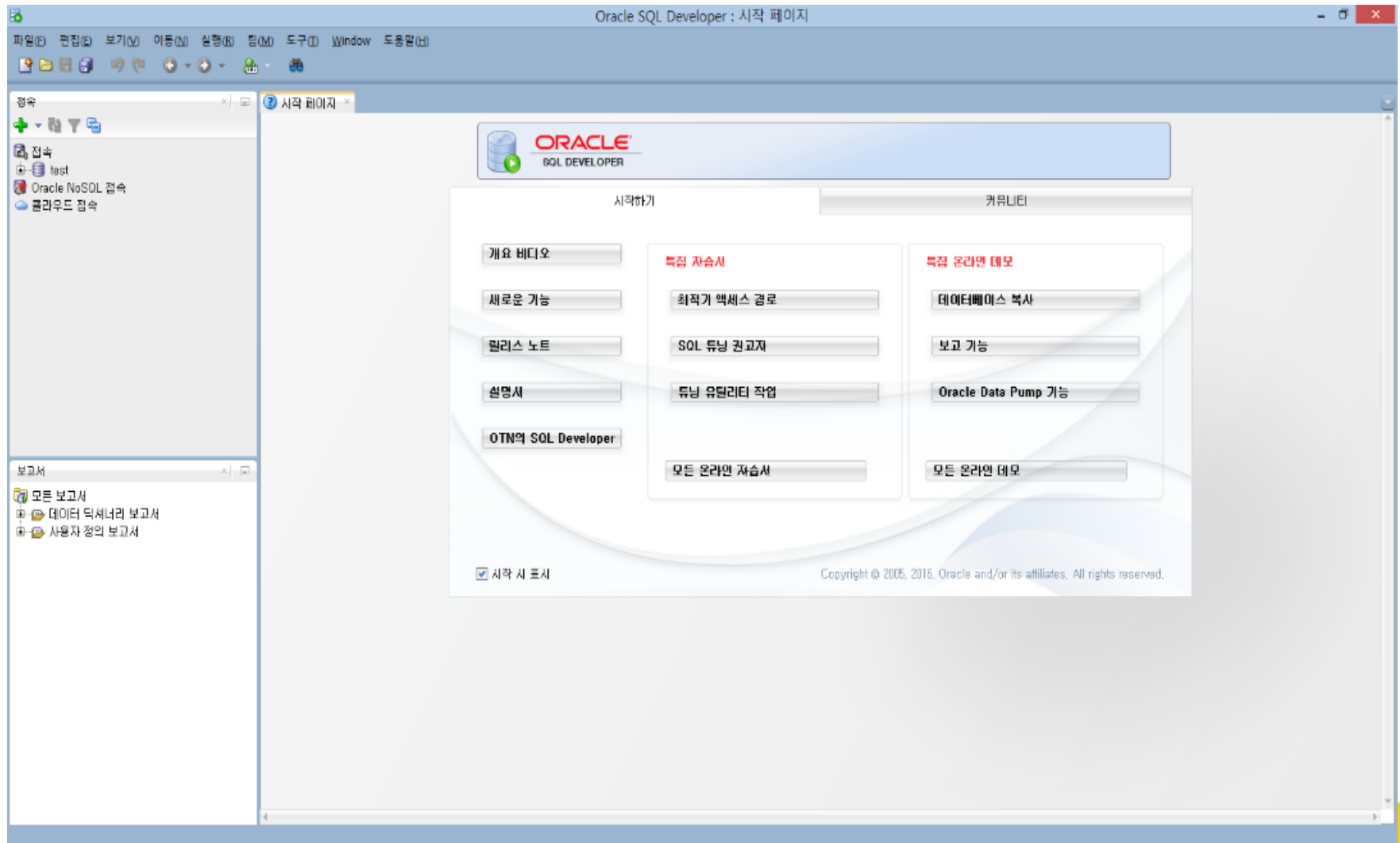
## SQL Developer 실행



압축 해제 후 실행파일 클릭

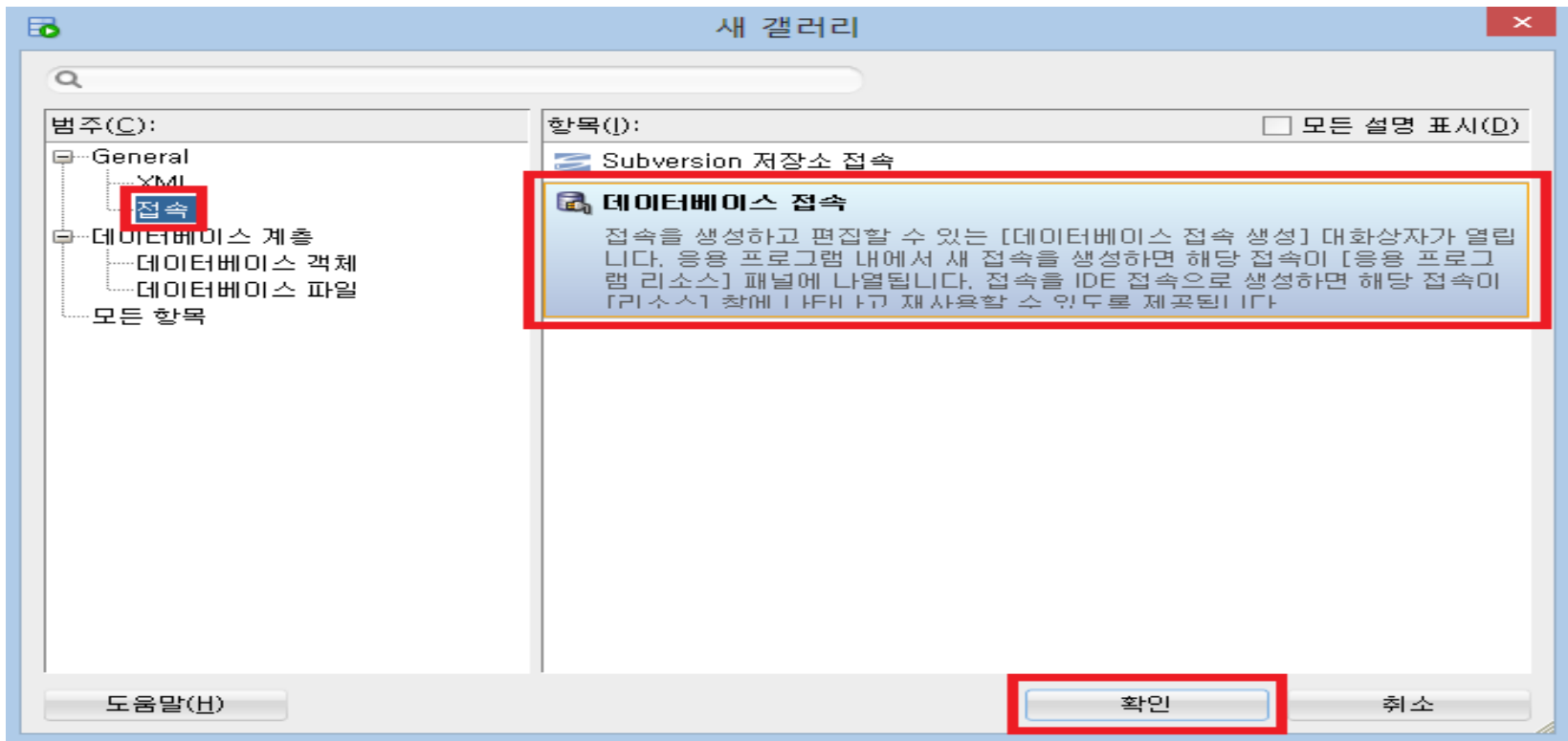
# 개발환경구축(Oracle 11g XE)

## SQL Developer 실행



# 개발환경구축(Oracle 11g XE)

## 접속 설정



파일 - 새로만들기 - General - 접속 - 데이터베이스 접속

# 개발환경구축(Oracle 11g XE)

## 접속 설정

새로 만들기/데이터베이스 접속 선택

접속 이름	접속 세부 정보
접속 이름(N)	web
사용자 이름(U)	sys as sysdba
비밀번호(P)	*****
<input type="checkbox"/> 비밀번호 저장(V)	<input checked="" type="checkbox"/> 접속 색상
<b>Oracle</b>	
접속 유형(Y)	기본
롤(L)	기본값
호스트 이름(A)	localhost
포트(B)	1521
<input checked="" type="radio"/> SID(I)	xe
<input type="radio"/> 서비스 이름(E)	
<input type="checkbox"/> OS 인증	<input type="checkbox"/> Kerberos 인증
고급...	

상태: 성공

도움말(H) 저장(S) 지우기(C) **테스트(T)** **접속(O)** 취소

사용자 이름, 비밀번호 입력 후 테스트 -> 상태 : 성공시 접속 클릭

# 개발환경구축(Oracle 11g XE)

## 접속 설정

The screenshot displays the Oracle SQL Developer interface. On the left, the 'Connections' pane shows the 'WEB\_SCOTT' connection selected. The 'Database Explorer' pane on the left shows the schema structure, including tables like EMP, DEPT, and BONUS. A red box highlights the 'WEB\_SCOTT' connection and the 'EMP' table, with the text 'DB 정보' (DB Information) overlaid. The main workspace shows a SQL query: `SELECT * FROM EMP;`. Below the workspace, the 'Results' pane displays the query results in a table format. The table has columns: EMPNO, ENAME, JOB, MGR, HIREDATE, SAL, COMM, and DEPTNO. The results show 12 rows of employee data.

**질의 작성 워크시트**

**질의 결과**

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
1	7369 SMITH	CLERK	7902	80/12/17	800	(null)	20
2	7499 ALLEN	SALESMAN	7698	81/02/20	1600	300	30
3	7521 WARD	SALESMAN	7698	81/02/22	1250	500	30
4	7566 JONES	MANAGER	7839	81/04/02	2975	(null)	20
5	7654 MARTIN	SALESMAN	7698	81/09/28	1250	1400	30
6	7698 BLAKE	MANAGER	7839	81/05/01	2850	(null)	30
7	7782 CLARK	MANAGER	7839	81/06/09	2450	(null)	10
8	7839 KING	PRESIDENT	(null)	81/11/17	5000	(null)	10
9	7844 TURNER	SALESMAN	7698	81/09/08	1500	0	30
10	7900 JAMES	CLERK	7698	81/12/03	950	(null)	30
11	7902 FORD	ANALYST	7566	81/12/03	3000	(null)	20
12	7934 MILLER	CLERK	7782	82/01/23	1300	(null)	10

# 개발환경구축(Oracle 11g XE)

## 새로운 계정 만들기

```
CREATE USER STUDENT IDENTIFIED BY STUDENT;  
GRANT RESOURCE, CONNECT TO STUDENT;
```

## 생성한 계정 접속

시스템 계정 로그인과 동일한 방식으로 생성한 계정을 로그인한다.

## 실습 스크립트 실행

실습 스크립트 내용을 복사해 질의 작성 워크시트에 붙여 넣고 실행시킨다.

# 개발환경구축(Oracle 11g XE)

## 테스트

```
SELECT * FROM EMPLOYEE;
```

EMP_ID	EMP_NAME	EMP_NO	EMAIL	PHONE	HIRE_DATE	JOB_ID	SALARY	BONUS_PCT	MARRIAGE	MGR_ID	DEPT_ID
1 100	한선기	621133-1483658	sg_ahn@kkk.com	0199949999	90/04/01	J1	9000000	0.2 Y	(null) Y	(null)	90
2 101	강종훈	621136-1006405	jh_park@kkk.com	0193334433	04/04/30	J2	5500000	(null) Y	(null) Y	100	90
3 102	최만식	861011-1940062	ms_choi@kkk.com	0198879908	95/12/30	J2	3600000	(null) Y	(null) Y	101	90
4 103	정도연	631127-2519077	sy_kang@kkk.com	0196654436	97/06/03	J4	2600000	(null) Y	(null) Y	104	60
5 104	안석규	651031-1962810	sg_han@kkk.com	0192347654	98/07/01	J3	3500000	0.25 Y	(null) Y	100	60
6 107	조재형	721128-1732822	jh_jo@kkk.com	0193325548	98/11/23	J3	3800000	(null) Y	(null) Y	104	60
7 124	정지현	641231-2269080	jih_jeon@kkk.com	01922976129	04/07/15	J7	1500000	(null) N	(null) N	141	50
8 141	김예수	651122-2592930	hs_kim@kkk.com	0194087600	01/03/20	J5	2100000	0.1 Y	(null) Y	100	50
9 143	나승원	871024-1945881	sw_cha@kkk.com	0197243979	01/03/20	J5	2300000	(null) Y	(null) Y	141	50
10 144	김순미	741122-2515789	sm_kim@kkk.com	0192213306	99/10/20	J3	3400000	0.1 Y	(null) Y	141	50
11 149	성해교	640524-2148639	hg_song@kkk.com	01992882295	03/08/16	J7	1900000	(null) N	(null) N	141	50
12 174	전우성	821121-1660412	ws_jeong@kkk.com	0193243388	02/07/14	J6	2090000	(null) Y	(null) Y	100	80
13 176	엄정하	791217-2230420	jh_um@kkk.com	0194769665	04/07/21	J6	2420000	0.2 Y	(null) Y	174	80
14 178	심하균	611121-1673370	hk_shin@kkk.com	0197122111	04/09/30	(null)	2300000	0.3 Y	(null) Y	(null)	(null)
15 200	고승우	840217-1776881	sw_jo@kkk.com	0193475512	03/04/11	J7	1500000	(null) Y	(null) Y	100	10
16 201	박하일	891225-1069101	hi_park@kkk.com	01951564413	04/11/10	J5	2600000	(null) Y	(null) Y	(null)	50
17 202	권상후	790331-1662986	sw_kwon@kkk.com	0196640090	01/05/20	J6	3410000	0.2 Y	(null) Y	200	10
18 205	임영애	790833-2105839	jangum_lee@kkk.com	0191132477	00/01/31	J6	2640000	0.15 N	(null) N	200	10
19 206	염정하	860122-2785746	jh_yeum@kkk.com	01997546623	03/09/17	J7	1500000	(null) Y	(null) Y	(null)	(null)
20 207	김솔오	640226-1358242	so_kim@kkk.com	(null)	96/10/01	J4	2500000	(null) Y	(null) Y	(null)	20
21 208	이종기	790411-1452247	jk_lee@kkk.com	(null)	04/10/01	J4	2500000	(null) Y	(null) Y	(null)	20
22 210	감우섭	700813-1766819	manofking@kkk.com	(null)	05/07/31	J4	2500000	(null) Y	(null) Y	(null)	20