

개발환경구축 (Oracle 11g XE)



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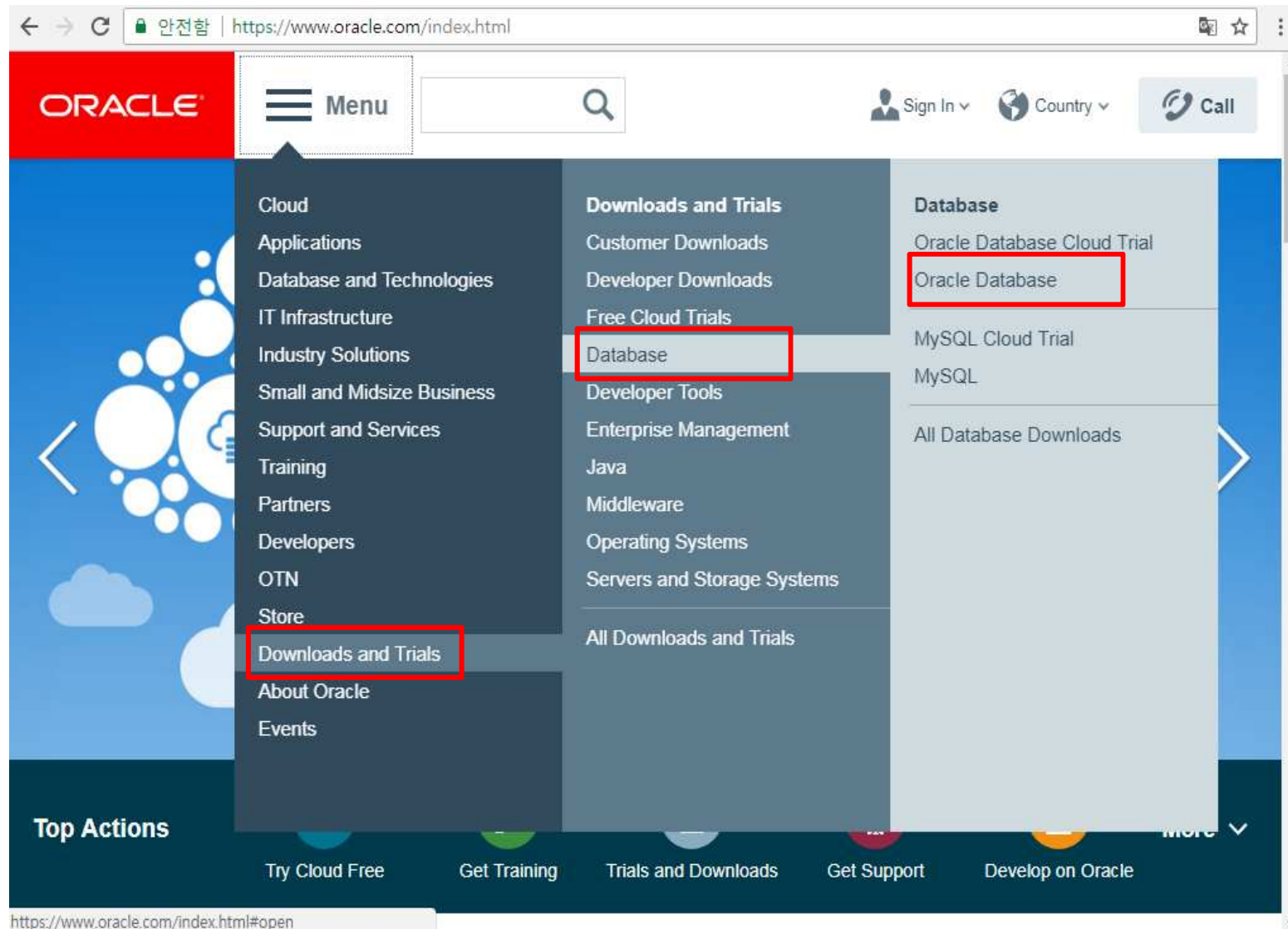
개발환경 구축 순서

1. 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)

Oracle 홈페이지 접속 및 다운로드

The screenshot shows the Oracle Database Software Downloads page. The page header includes the Oracle logo, a menu icon, a search bar, and links for Sign In, Country, and Call. The breadcrumb trail reads: Oracle Technology Network / Database / Database 12c / Downloads.

The main content area is titled "Oracle Database Software Downloads" and includes a tabbed interface with "Overview", "Downloads", "Documentation", "Learn More", and "Community". The "Downloads" tab is active.

Below the tabs, there is a section for "Oracle Database 11g Express Edition" (12.2.0.1.0). This section contains a list of operating systems and a checkbox for "Oracle Database 11g Release 2 Express Edition for Windows 64 now available for download." The checkbox is highlighted with a red box.

On the left side of the page, there is a sidebar menu with the following items: Database 12c, Database In-Memory, Multitenant, More Key Features, Application Development, Big Data Appliance, Cloud Database Services, Private Database Cloud, Data Warehousing & Big Data, Database Appliance, Exadata Database Machine, High Availability, Manageability, Migrations, Security, Unstructured Data, Upgrades, Windows, Database Technology Index, and Multilingual Engine.

On the right side of the page, there is a blue banner that reads: "Try Database in the Cloud for Free. See what you can accomplish with US\$300 in free credits."

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← → ↻ ⓘ www.oracle.com/technetwork/database/database-technologies/express-edition/downloads/index.html

ORACLE Menu

Sign In Country Call

Oracle Technology Network / Database / Database Technology Index / Database Express Edition / Downloads

Database 12c
Database In-Memory
Multitenant
More Key Features
Application Development
Big Data Appliance
Cloud Database Services
Private Database Cloud
Data Warehousing & Big Data
Database Appliance
Exadata Database Machine
High Availability
Manageability
Migrations
Security
Unstructured Data
Upgrades
Windows
Database Technology Index
Multilingual Engine

Overview Downloads Documentation Community Learn More

Oracle Database Express Edition 11g Release 2

June 4, 2014

You must accept the [OTN License Agreement for Oracle Database Express Edition 11g Release 2](#) to download this software.

☒ Accept License Agreement | ☐ Decline License Agreement

[Oracle Database Express Edition 11g Release 2 for Windows x64](#)
- Unzip the download and run the DISK1/setup.exe

[Oracle Database Express Edition 11g Release 2 for Windows x32](#)
- Unzip the download and run the DISK1/setup.exe

[Oracle Database Express Edition 11g Release 2 for Linux x64](#)
- Unzip the download and the RPM file can be installed as normal

You may also be interested in the following downloads:

- [Oracle SQL Developer](#)
- [Oracle SQL Developer Data Modeler](#)
- [Oracle Application Express](#)
- [JDeveloper for Java Developers](#)
- [Oracle Developer Tools for Visual Studio .NET](#)
- [Zend Server](#)

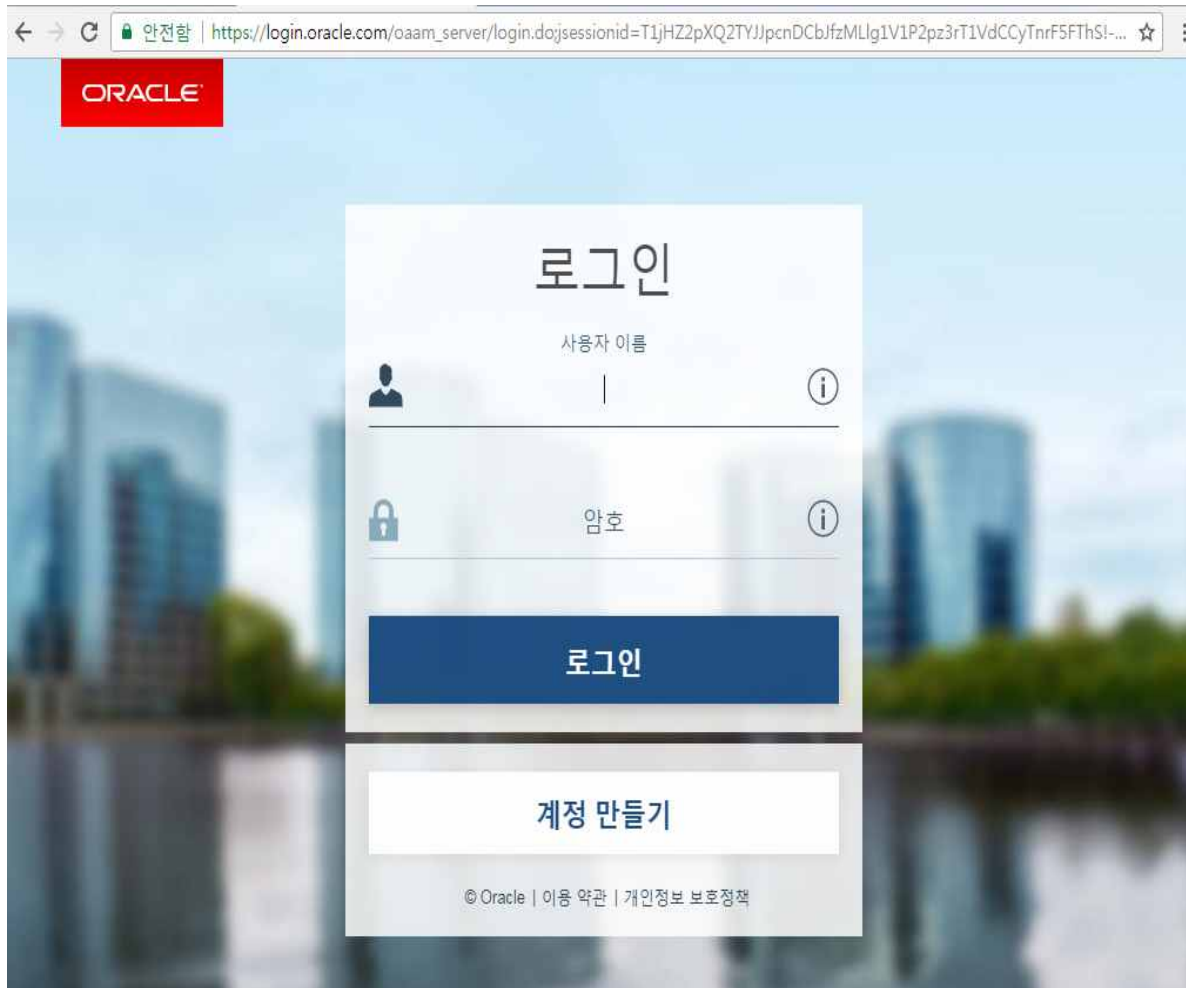
Oracle Live SQL
Learn and Share SQL
[Try Now >](#)

Get the Latest Oracle Database 12c Tutorials
[Access Now >](#)

E-mail this page Printer View

개발환경구축(Oracle 11g XE)

Oracle 홈페이지 접속 및 다운로드



The screenshot shows the Oracle login page in a web browser. The browser's address bar displays the URL: https://login.oracle.com/oaam_server/login.do?jsessionid=T1jHZ2pXQ2TYJlpcnDCbJfzMLg1V1P2pz3rT1VdCCyTnrF5FThSI-.... The Oracle logo is in the top left corner. The main content area features a login form with the title "로그인" (Login). Below the title are two input fields: "사용자 이름" (Username) and "암호" (Password), each with an information icon to its right. A blue "로그인" (Login) button is positioned below the password field. At the bottom of the form is a white button labeled "계정 만들기" (Create Account). The footer contains the text "© Oracle | 이용 약관 | 개인정보 보호정책" (© Oracle | Terms of Use | Privacy Policy).

오라클 계정이
있으면 계정으로
로그인하여
다운로드

없으면 계정생성
후 다운로드



개발환경구축(Oracle 11g XE)



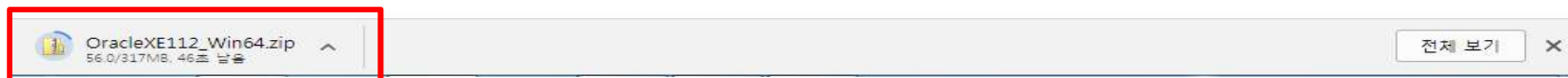
Oracle 홈페이지 접속 및 다운로드

If you are not automatically transferred to the target, click here.

이 페이지를 번역하시겠습니까? [윤선](#)

번역

안함

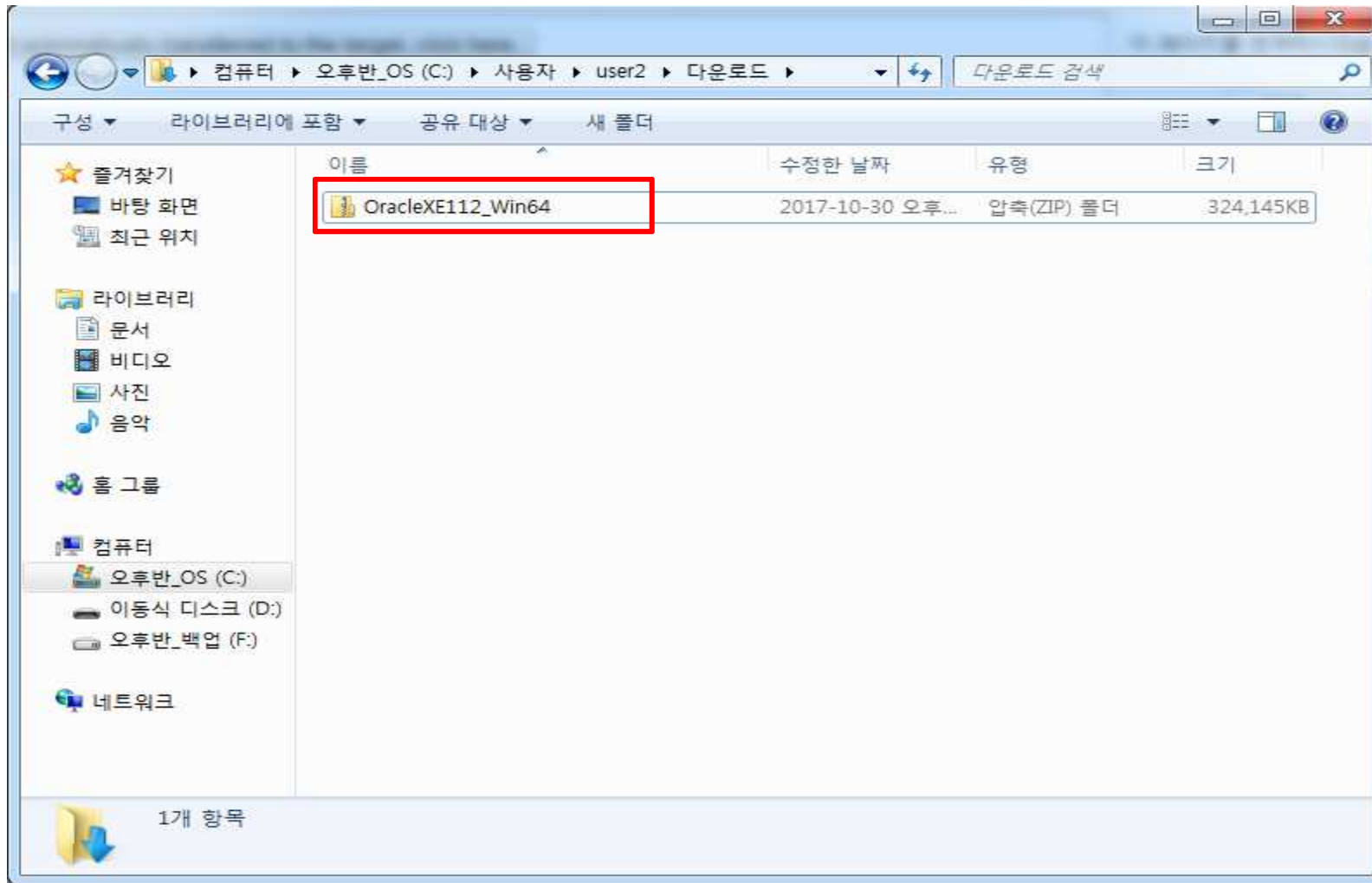


Chrome브라우저 다운로드



개발환경구축(Oracle 11g XE)

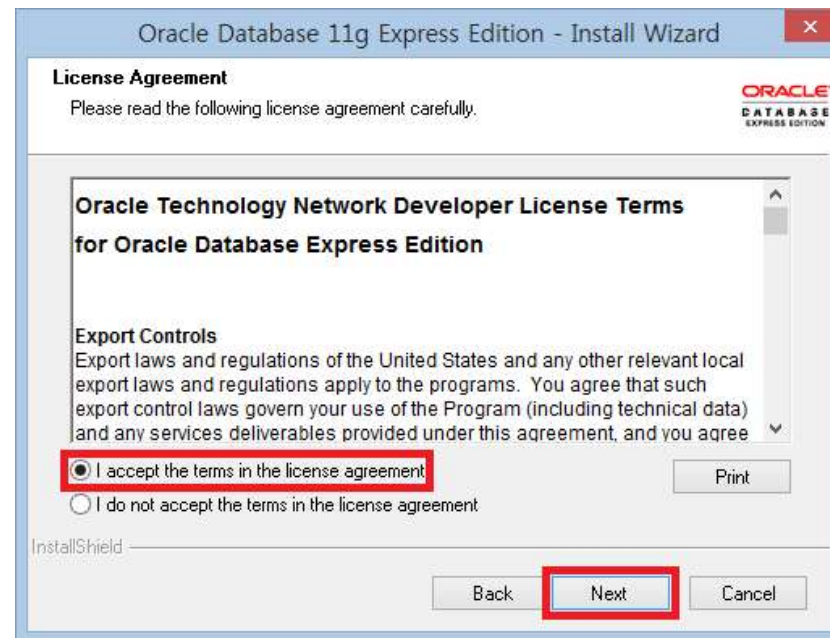
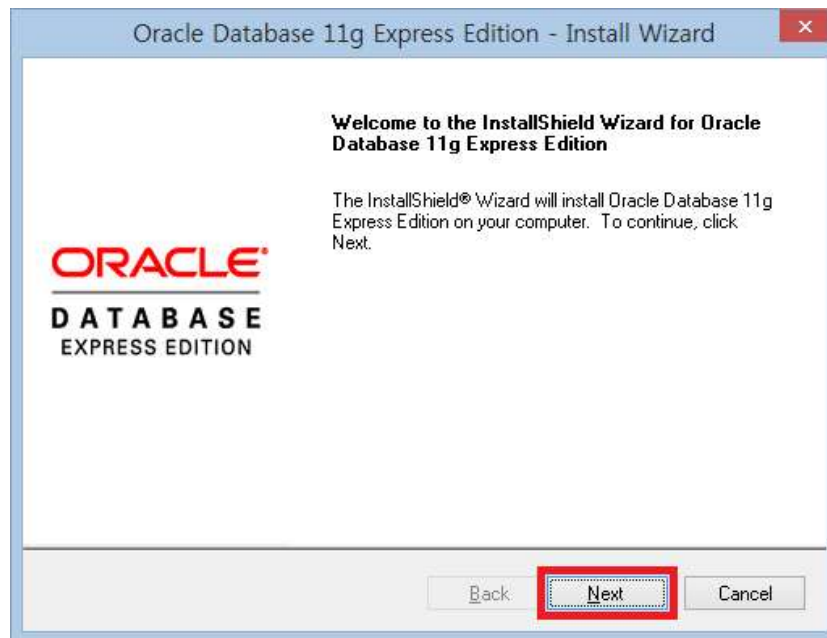
Oracle 홈페이지 접속 및 다운로드





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

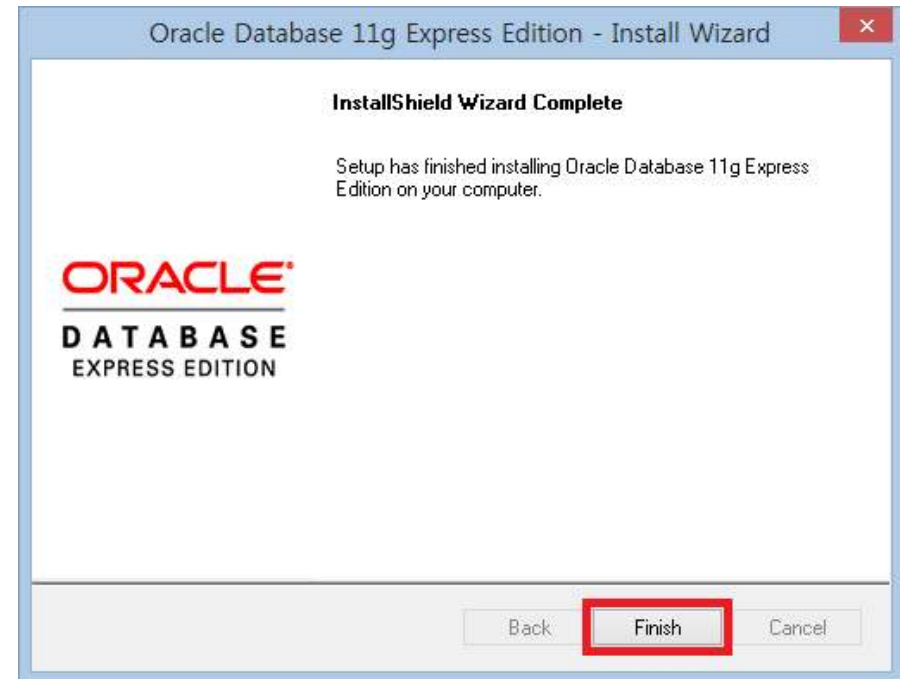
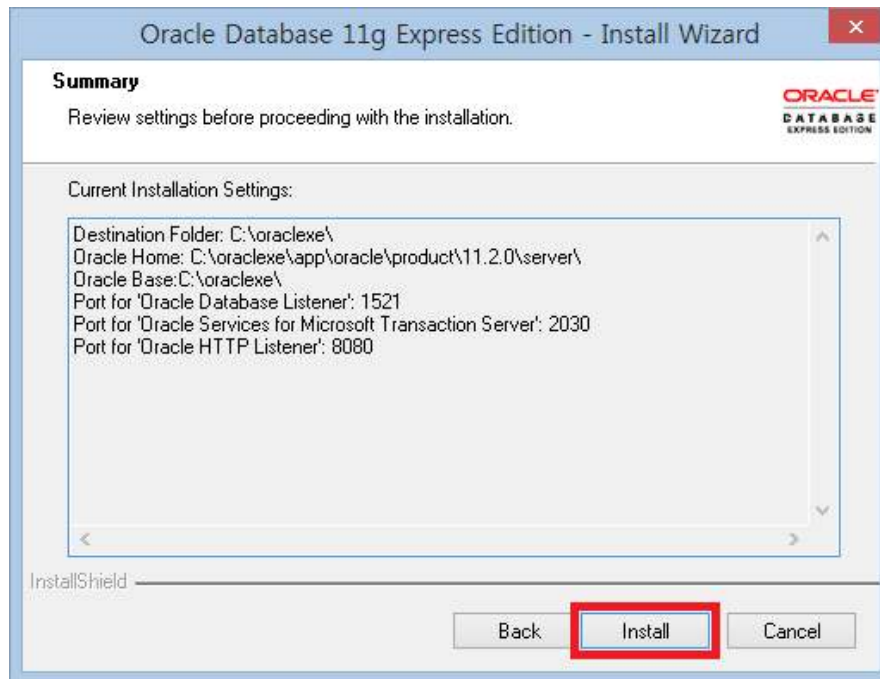
Back Next Cancel





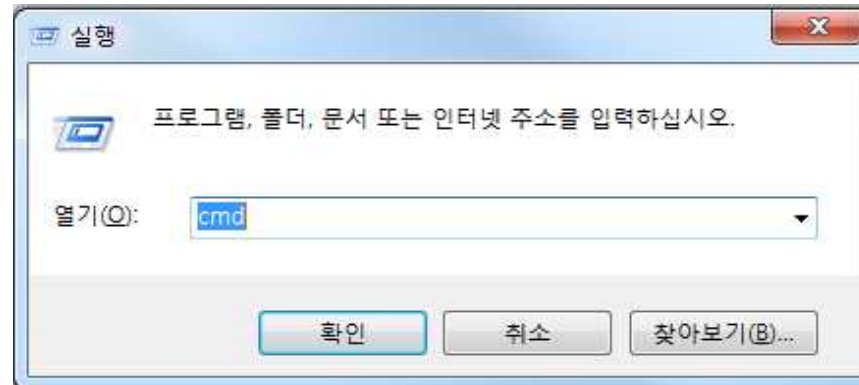
개발환경구축(Oracle 11g XE)

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: _
```



개발환경구축(Oracle 11g XE)

테스트계정 접속하기

1. system계정으로 접속
2. 계정 확인
`select username from dba_users; // 16개 계정확인`
3. 테스트계정인 HR계정 접속
`conn HR`
에러발생!! "the account is locked"





개발환경구축(Oracle 11g XE)

테스트계정 접속하기

4. 다시 system계정 접속하여 계정 잠금 해제 및 비밀번호설정

```
conn system/oracle
```

```
select username, account_status from dba_users where  
username='HR'; //계정 상태확인
```

```
alter user HR account unlock;
```

```
alter user HR identified by hr;
```

5. 다시 HR계정으로 접속해보기

```
conn HR/hr;
```

```
show user;
```





개발환경구축(Oracle 11g XE)

새로운 계정 접속하기

1. system계정으로 접속 / 계정 생성
create user 계정이름 identified by 비밀번호;
2. 접속하기
conn 계정이름/계정비밀번호
에러발생!! user 계정이름 lacks CREATE SESSION privilege; logon denied //데이터 베이스 접속권한이 없어 발생!
3. 다시 system으로 로그인 하여 계정에 대한 권한 설정
conn system/oracle
grant connect to 계정이름;





실습문제

새로운 계정 test를 만들고 접속 가능하게 만들어보자.





SQL*PLUS 스크립트 추가

Scott계정 추가 및 Scott DB추가

1. SQL@PLUS에 system계정으로 접속
2. Scott 계정생성 // 위에서 생성한 과정과 동일하게 생성 후 권한설정
권한 : connect(DB접속), resource(객체 생성 및 조회,수정,삭제 권한)
3. @ scott_en.sql파일이 저장된 위치
4. select table_name from tabs;





SQL*PLUS추가 기능

1. 버퍼에 있는 SQL문 확인 : L
2. 버퍼에 있는 SQL문 실행 : /, R
3. 사용한 SQL문 저장 : save 파일명
버퍼에 있는 구문 저장(.sql)
4. 문서편집 sql파일 수정 : edit
5. sql파일 버퍼에 저장하기 : get
6. OS명령어 실행 : host / exit (빠져나오기)
7. sql파일 실행 : @





개발환경구축(Oracle 11g XE)

SQL Developer 설치

1. www.oracle.com 접속
2. Download – SQL Developer 다운로드
3. 압축 해제 후 바로 실행



개발환경구축(Oracle 11g XE)

Oracle 홈페이지 접속 및 다운로드

The screenshot shows the Oracle Technology Network website. The browser address bar displays www.oracle.com/technetwork/database/enterprise-edition/downloads/index.html. The Oracle logo is in the top left. A 'Menu' button is in the top center, and a search bar is to its right. In the top right, there are links for 'Account' and 'Country'. A left sidebar lists various Oracle products and services. The main menu is open, showing categories like Cloud, Applications, Database and Technologies, IT Infrastructure, Industry Solutions, Small and Midsize Business, Support and Services, Training, Partners, Developers, OTN, Store, Downloads and Trials, About Oracle, and Events. The 'Downloads and Trials' category is highlighted with a red box. A sub-menu for 'Downloads and Trials' is displayed on the right, listing 'Customer Downloads', 'Developer Downloads' (highlighted with a red box), 'Free Cloud Trials', 'Database', 'Developer Tools', 'Enterprise Management', 'Java', 'Middleware', 'Operating Systems', 'Servers and Storage Systems', and 'All Downloads and Trials'. On the far right, there are promotional banners for 'Try Database Cloud for Free' and 'Oracle Live'.

Oracle Technology Network

Database 12c
Database In-Memory
Multitenant
More Key Features
Application Development
Big Data Appliance
Cloud Database Services
Private Database Cloud
Data Warehousing & Big Data
Database Appliance
Exadata Database Machine
High Availability
Manageability
Migrations
Security
Unstructured Data
Upgrades
Windows

Menu

Downloads and Trials

Customer Downloads

Developer Downloads

Free Cloud Trials

Database

Developer Tools

Enterprise Management

Java

Middleware

Operating Systems

Servers and Storage Systems

All Downloads and Trials

Try Database Cloud for Free

See what you can do with US\$300 in free credit

Free cloud trial

Oracle Live

Learn and Share

KH KH정보교육원

Menu

Account

Country

Call

Oracle Technology Network / Indexes / Download Index

Documentation Index
 Download Index
 Product Index
 Sample Code Index

Software Downloads

For large downloads, or for functionality such as download resuming, the use of a [download manager](#) is **highly recommended**.

Developers

All software delivered as full versions or for strictly self-organization or programs licensed from the online

Want to take Database Applications available for the

Developer Tools

- ADF Faces
- Application Express Standalone
- BI Publisher
- BI Spreadsheet Add-in
- BPEL Process Manager
- Data Miner
- Developer Suite 10g (includes Designer)
- Developer Tools for Visual Studio
- Enterprise Pack for Eclipse
- Forms & Reports Services
- NetBeans IDE
- SOA Suite
- Developer Studio
- SQL Developer**
- SQL Developer Data Modeler
- StorageTek
- Team Productivity Center
- TopLink
- Warehouse Builder
- WebRTC Session Controller Client SDK

Customers

If you already have Software Delivery My Oracle Support

Sun Products

Sun products, services, and solutions





개발환경구축(Oracle 11g XE)

SQL Developer 실행

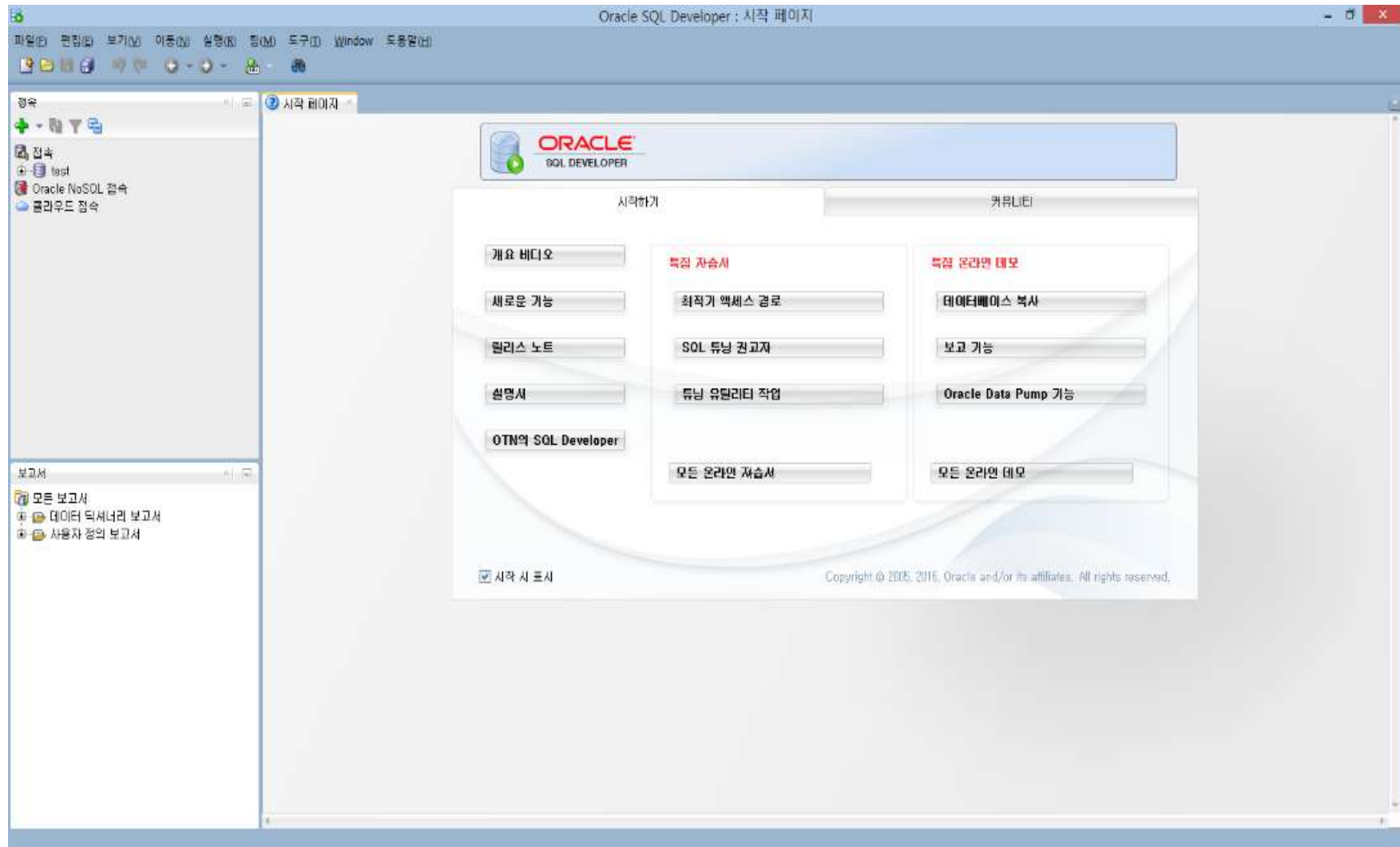


압축 해제 후 실행파일 클릭



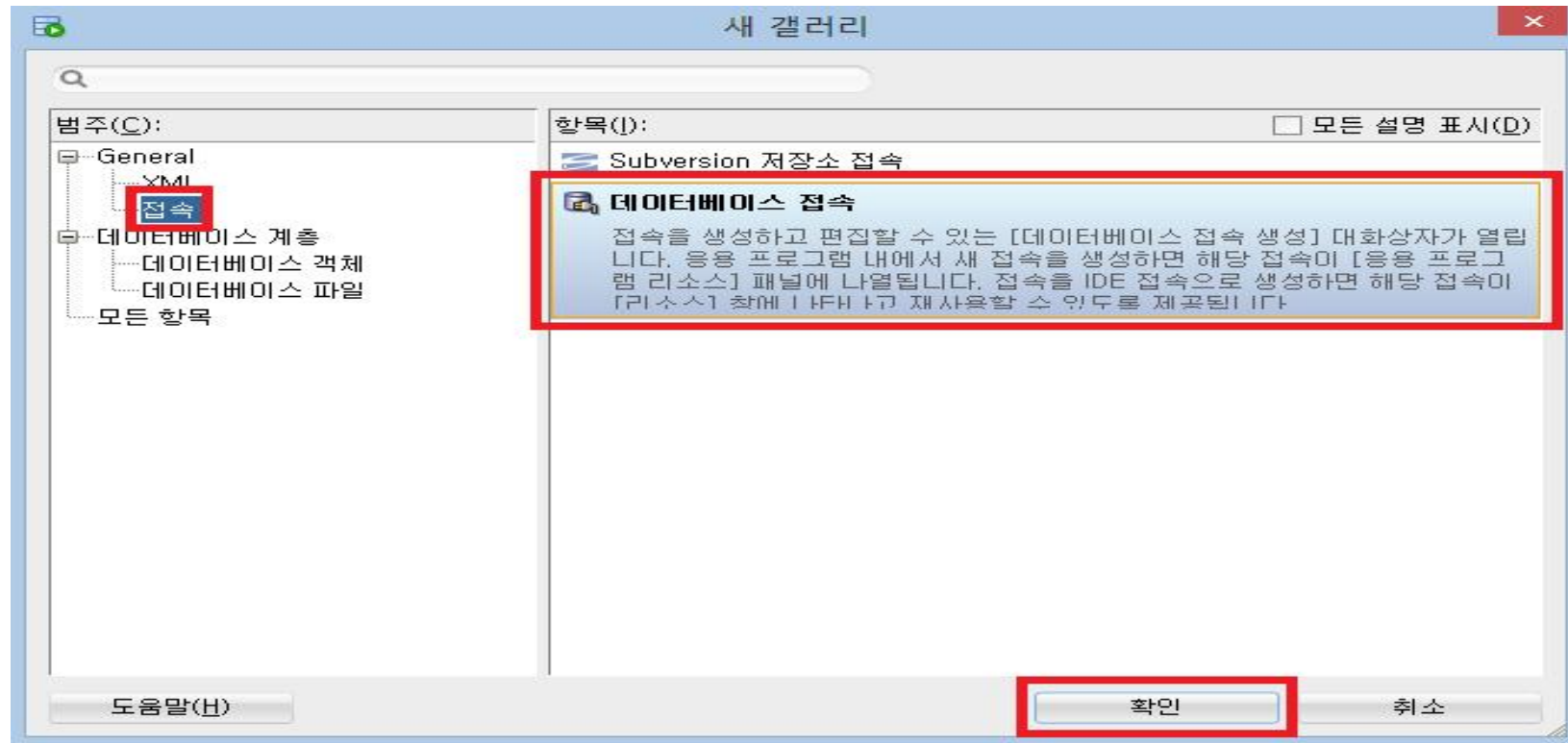
개발환경구축(Oracle 11g XE)

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	
Oracle	
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, with a red box highlighting the 'DB 정보' (DB Information) section. The main workspace is divided into two panes. The top pane, titled '질의 작성기' (Query Builder), shows the SQL statement 'SELECT * FROM EMP;'. The bottom pane, titled '질의 결과' (Query Results), displays the results of the query in a table format. The table has columns for EMPNO, ENAME, JOB, MGR, HIREDATE, SAL, COMM, and DEPTNO. The results show 12 rows of employee data.

DB 정보

질의 작성기

SELECT * FROM EMP;

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 KH IDENTIFIED BY kh;  
GRANT RESOURCE, CONNECT TO kh;
```

생성한 계정 접속

시스템 계정 로그인과 동일한 방식으로 생성한 계정을 로그인한다.

실습 스크립트 실행

실습 스크립트 내용을 복사해 질의 작성 워크시트에 붙여 넣고 실행시킨다.
파일명 : KH.sql





개발환경구축(Oracle 11g XE)

테스트

```
SELECT * FROM EMPLOYEE;
```

EMP_ID	EMP_NAME	EMP_NO	EMAIL	PHONE	DEPT_CODE	JOB_CODE	SAL_LEVEL	SALARY
1 200	선동일	621235-1985634	sun_di@kh.or.kr	01099546325	D9	J1	S1	8000000
2 201	송중기	631156-1548654	song_jk@kh.or.kr	01045686656	D9	J2	S1	6000000
3 202	노용철	861015-1356452	no_hc@kh.or.kr	01066656263	D9	J2	S4	3700000
4 203	송은희	631010-2653546	song_eh@kh.or.kr	01077607879	D6	J4	S5	2800000
5 204	유재식	660508-1342154	yoo_js@kh.or.kr	01099999129	D6	J3	S4	3400000
6 205	정중하	770102-1357951	jung_jh@kh.or.kr	01036654875	D6	J3	S4	3900000
7 206	박나라	630709-2054321	pack_nr@kh.or.kr	01096935222	D5	J7	S6	1800000
8 207	하미유	690402-2040612	ha_iy@kh.or.kr	01036654488	D5	J5	S5	2200000
9 208	김해솔	870927-1313564	kim_hs@kh.or.kr	01078634444	D5	J5	S5	2500000
10 209	심봉선	750206-1325546	sim_bs@kh.or.kr	0113654485	D5	J3	S4	3500000
11 210	윤은해	650505-2356985	youn_eh@kh.or.kr	0179964233	D5	J7	S5	2000000
12 211	전형돈	830807-1121321	jun_hd@kh.or.kr	01044432222	D8	J6	S5	2000000
13 212	장쯔위	780923-2234542	jang_zw@kh.or.kr	01066682224	D8	J6	S5	2550000
14 213	하동운	621111-1785463	ha_dh@kh.or.kr	01158456632	(null)	J6	S5	2320000
15 214	방명수	856795-1313513	bang_ms@kh.or.kr	01074127545	D1	J7	S6	1380000
16 215	대북혼	881130-1050911	dae_bh@kh.or.kr	01088808584	D5	J5	S4	3760000
17 216	차태연	770808-1364897	cha_ty@kh.or.kr	01064643212	D1	J6	S5	2780000
18 217	전지연	770808-2665412	jun_jy@kh.or.kr	01033624442	D1	J6	S4	3660000
19 218	미오리	870427-2232123	loo_or@kh.or.kr	01022306545	(null)	J7	S5	2890000

