

SPRING

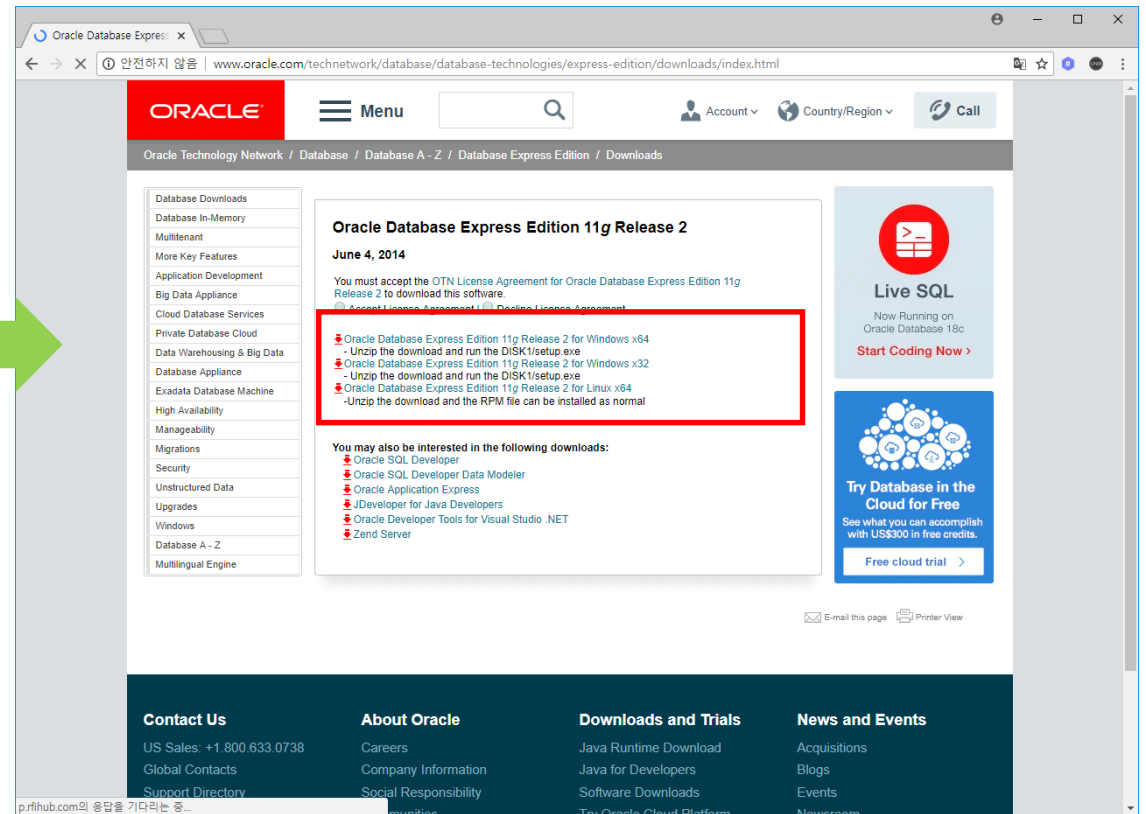
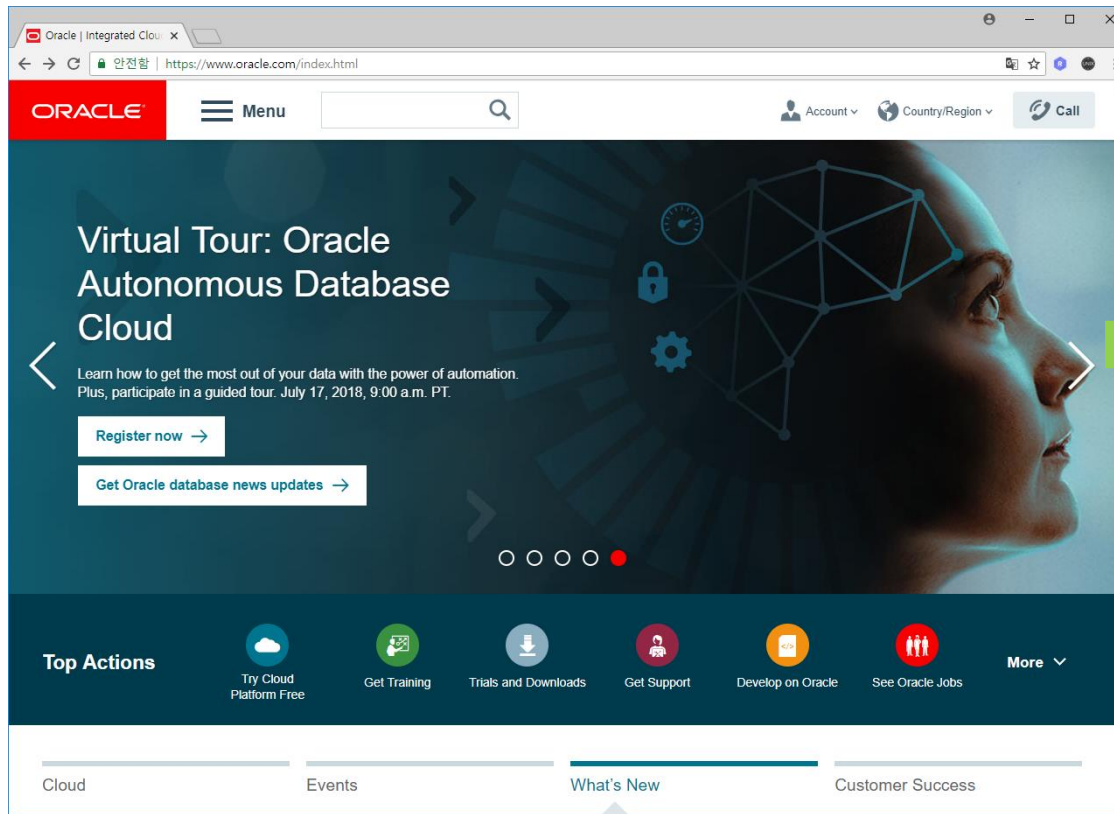
22강_Database

오라클 데이터베이스를 설치하고 사용하는 방법에 대해서 학습합니다.

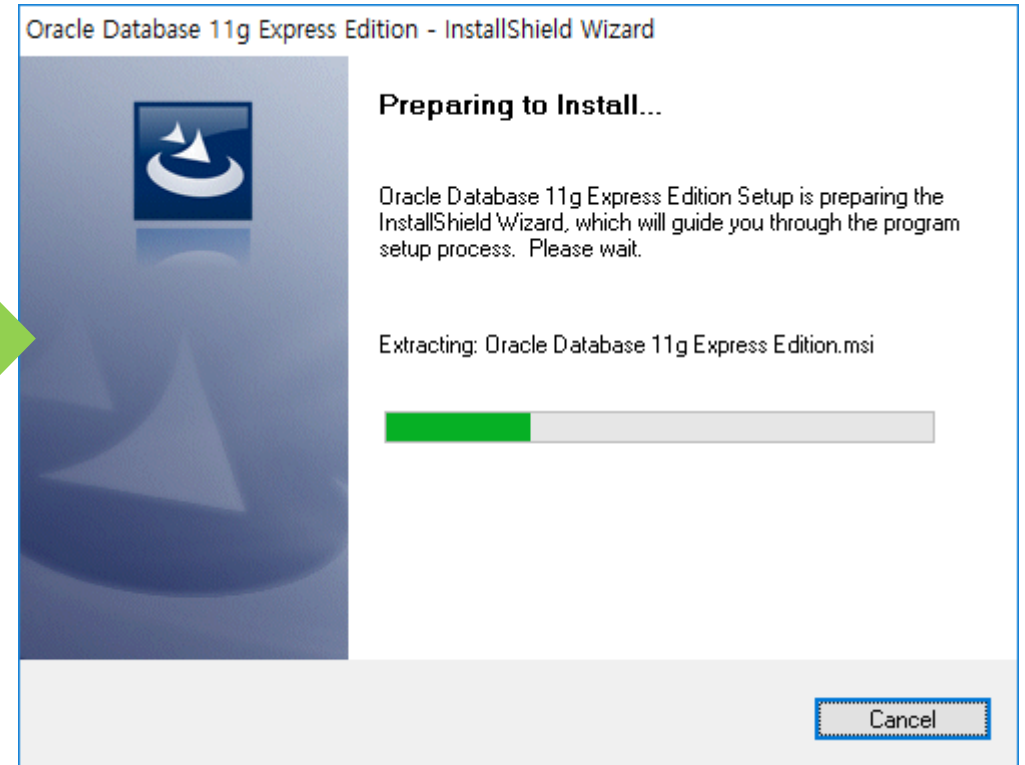
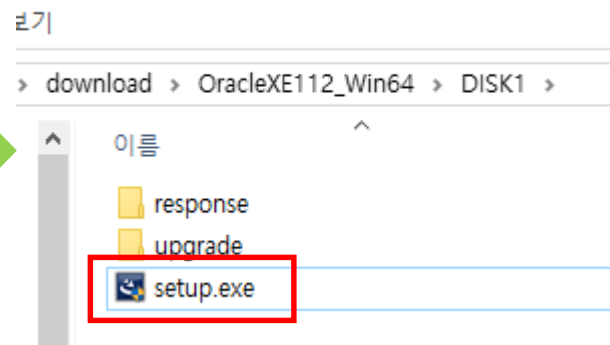
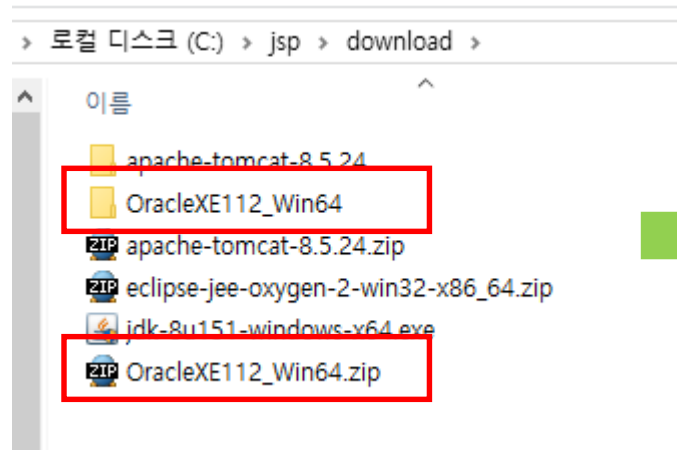
- 22-1 오라클 다운로드
- 22-2 오라클 설치
- 22-3 계정 생성
- 22-4 SQL developer

22-1 : 오라클 다운로드

<http://www.oracle.com/technetwork/database/database-technologies/express-edition/downloads/index.html>



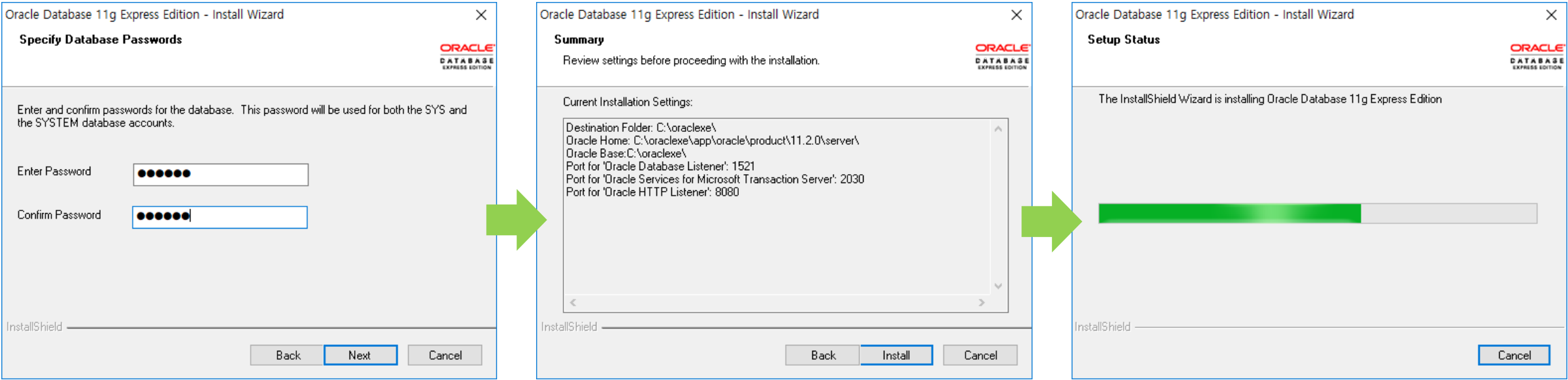
22-2 : 오라클 설치



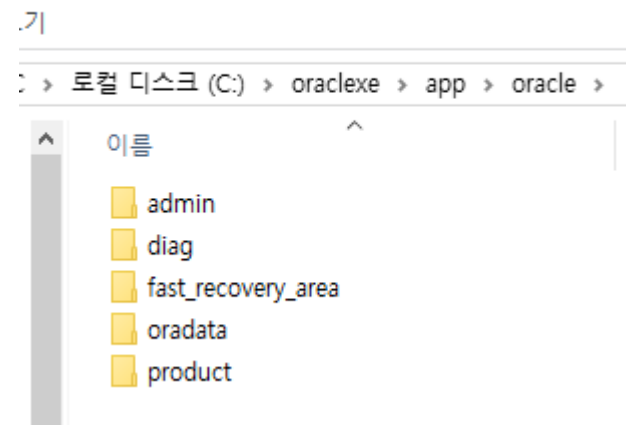
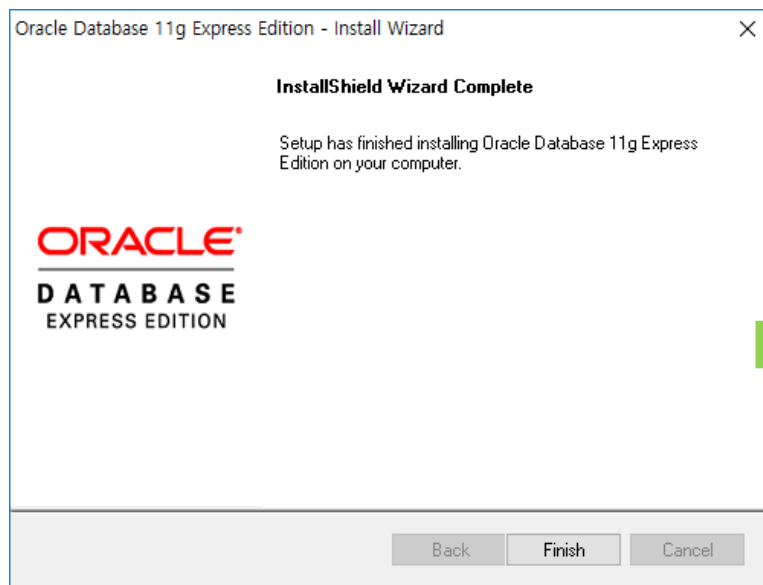
22-2 : 오라클 설치



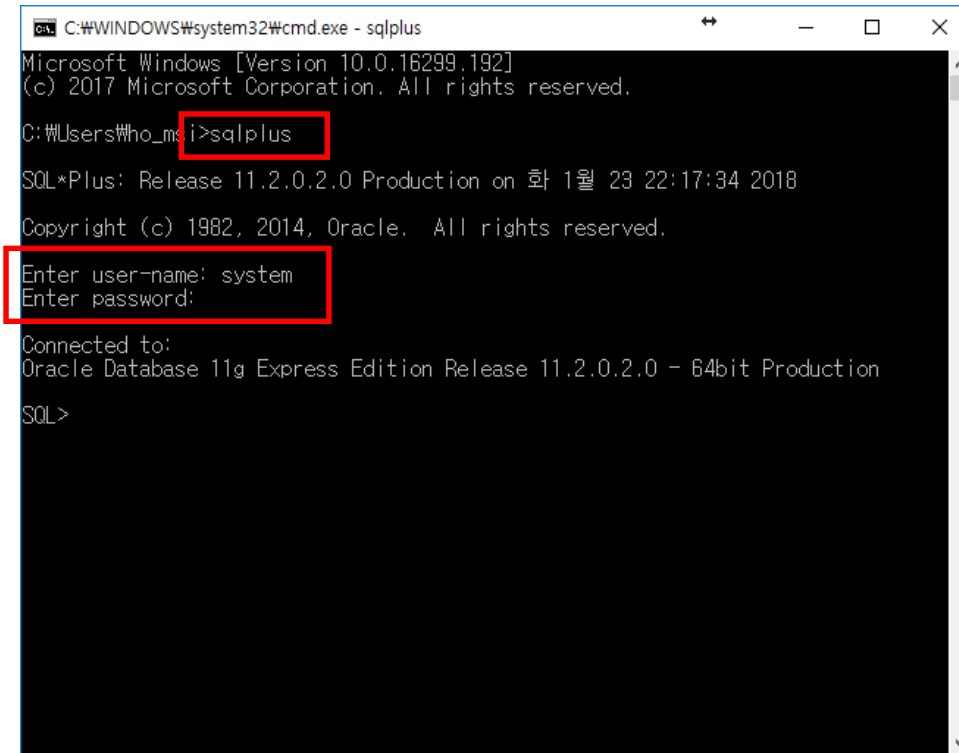
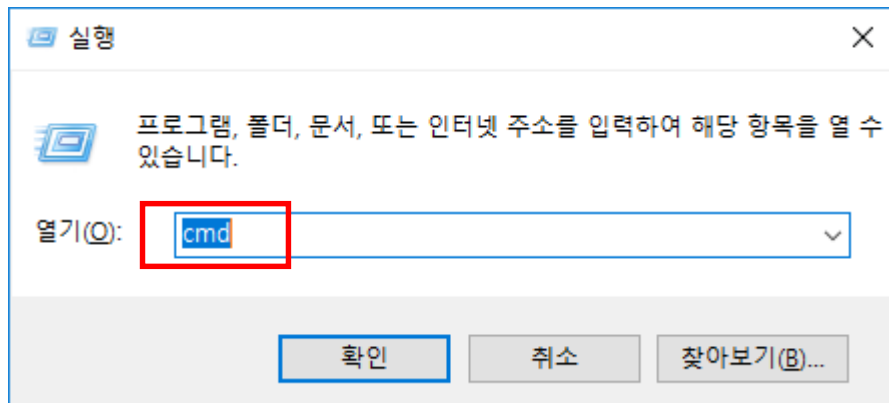
22-2 : 오라클 설치



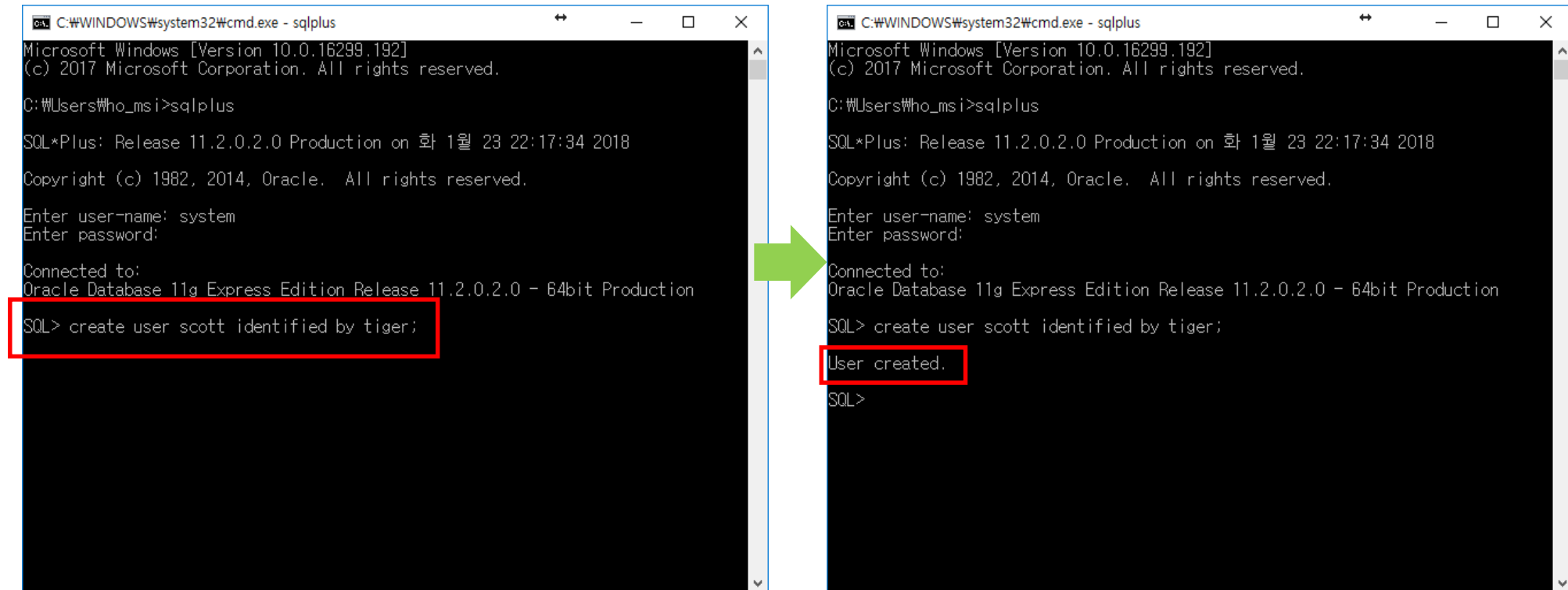
22-2 : 오라클 설치



22-3 : 계정 생성



22-3 : 계정 생성



```
C:\WINDOWS\system32\cmd.exe - sqlplus
Microsoft Windows [Version 10.0.16299.192]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\Users\who_msi>sqlplus

SQL*Plus: Release 11.2.0.2.0 Production on 화 1월 23 22:17:34 2018

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

Enter user-name: system
Enter password:

Connected to:
Oracle Database 11g Express Edition Release 11.2.0.2.0 - 64bit Production
SQL> create user scott identified by tiger;
```

```
C:\WINDOWS\system32\cmd.exe - sqlplus
Microsoft Windows [Version 10.0.16299.192]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\Users\who_msi>sqlplus

SQL*Plus: Release 11.2.0.2.0 Production on 화 1월 23 22:17:34 2018

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

Enter user-name: system
Enter password:

Connected to:
Oracle Database 11g Express Edition Release 11.2.0.2.0 - 64bit Production
SQL> create user scott identified by tiger;
User created.
SQL>
```


22-3 : 계정 생성

```
C:\WINDOWS\system32\cmd.exe - sqlplus
Microsoft Windows [Version 10.0.16299.192]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\Users\who_msi>sqlplus

SQL*Plus: Release 11.2.0.2.0 Production on 화 1월 23 22:17:34 2018

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

Enter user-name: system
Enter password:

Connected to:
Oracle Database 11g Express Edition Release 11.2.0.2.0 - 64bit Production

SQL> create user scott identified by tiger;

User created.

SQL> grant connect, resource to scott;_
```



```
C:\WINDOWS\system32\cmd.exe - sqlplus
Microsoft Windows [Version 10.0.16299.192]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\Users\who_msi>sqlplus

SQL*Plus: Release 11.2.0.2.0 Production on 화 1월 23 22:17:34 2018

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

Enter user-name: system
Enter password:

Connected to:
Oracle Database 11g Express Edition Release 11.2.0.2.0 - 64bit Production

SQL> create user scott identified by tiger;

User created.

SQL> grant connect, resource to scott;

Grant succeeded.

SQL>
```

22-3 : 계정 생성

```
C:\WINDOWS\system32\cmd.exe - sqlplus
Microsoft Windows [Version 10.0.16299.192]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\Users\who_msi>sqlplus

SQL*Plus: Release 11.2.0.2.0 Production on 화 1월 23 22:17:34 2018

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

Enter user-name: system
Enter password:

Connected to:
Oracle Database 11g Express Edition Release 11.2.0.2.0 - 64bit Production

SQL> create user scott identified by tiger;

User created.

SQL> grant connect, resource to scott;

Grant succeeded.

SQL> exit
```



```
C:\WINDOWS\system32\cmd.exe - sqlplus
Connected to:
Oracle Database 11g Express Edition Release 11.2.0.2.0 - 64bit Production

SQL> create user scott identified by tiger;

User created.

SQL> grant connect, resource to scott;

Grant succeeded.

SQL> exit
Disconnected from Oracle Database 11g Express Edition Release 11.2.0.2.0 - 64b
it Production

C:\Users\who_msi>sqlplus

SQL*Plus: Release 11.2.0.2.0 Production on 화 1월 23 22:21:43 2018

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

Enter user-name: scott
Enter password:

Connected to:
Oracle Database 11g Express Edition Release 11.2.0.2.0 - 64bit Production

SQL> show user
USER is "SCOTT"
SQL>
```

22-4 : SQL developer

<http://www.oracle.com/technetwork/developer-tools/sql-developer/downloads/index.html>

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SQL Developer 17.4

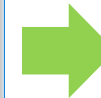
Version 17.4.0.355.2349 December 22, 2017

[Release Notes](#), [Bugs Fixed](#), [Documentation](#)

Windows 64-bit with JDK 8 included
(856c70371862f2f404aff1aed2400cbd) 422 MB [Download](#)

Windows 32-bit/64-bit
(82c18bb9b3e5ba38d727b98234218599) 348 MB [Download](#)

<http://download.oracle.com/otn/java/sqldeveloper/sqldeveloper-17.4.0.355.2349-no-jre.zip>



로컬 디스크 (C:) > jsp > download >

이름

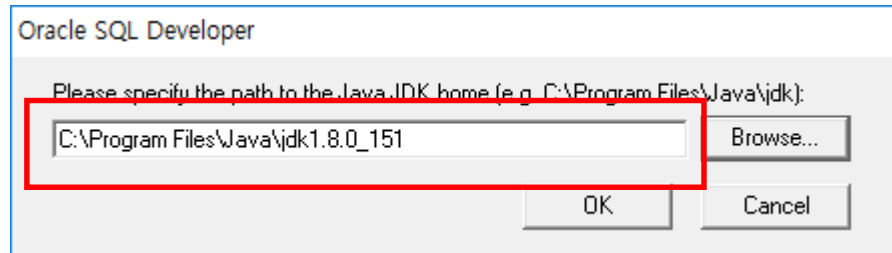
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- OracleXE112 Win64
- sqldeveloper-17.4.0.355.2349-no-jre
- apache-tomcat-8.5.24.zip
- eclipse-jee-oxygen-2-win32-x86_64.zip
- jdk-8u151-windows-x64.exe
- OracleXE112 Win64.zip
- sqldeveloper-17.4.0.355.2349-no-jre.zip

download > sqldeveloper-17.4.0.355.2349-no-jre > sqldeveloper

이름 수정한 날짜

- rdbms 2018-01-23 오후
- sleepycat 2018-01-23 오후
- sqldeveloper 2018-01-23 오후
- sqlj 2018-01-23 오후
- svnkit 2018-01-23 오후
- icon.png 2017-12-21 오후
- sqldeveloper.exe 2017-12-21 오후
- sqldeveloper.sh 2017-12-21 오후

22-4 : SQL developer



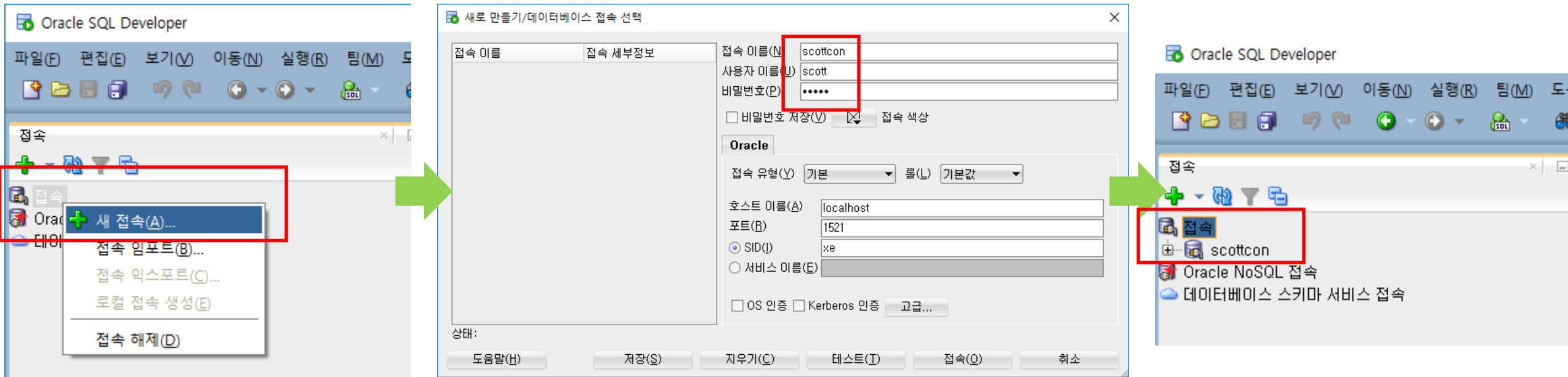
처음 SQL Developer를 실행하면 Java 경로를 설정해야 한다.
컴퓨터에 설치되어 있는 Java 경로를 설정한다.



SQL Developer가 실행된다.



22-4 : SQL developer



SQL Developer가 실행되면 새로운 접속을 하기 위해서 왼쪽 접속 메뉴에서 오른쪽 마우스 버튼을 클릭해서 '새 접속' 메뉴를 클릭한다.