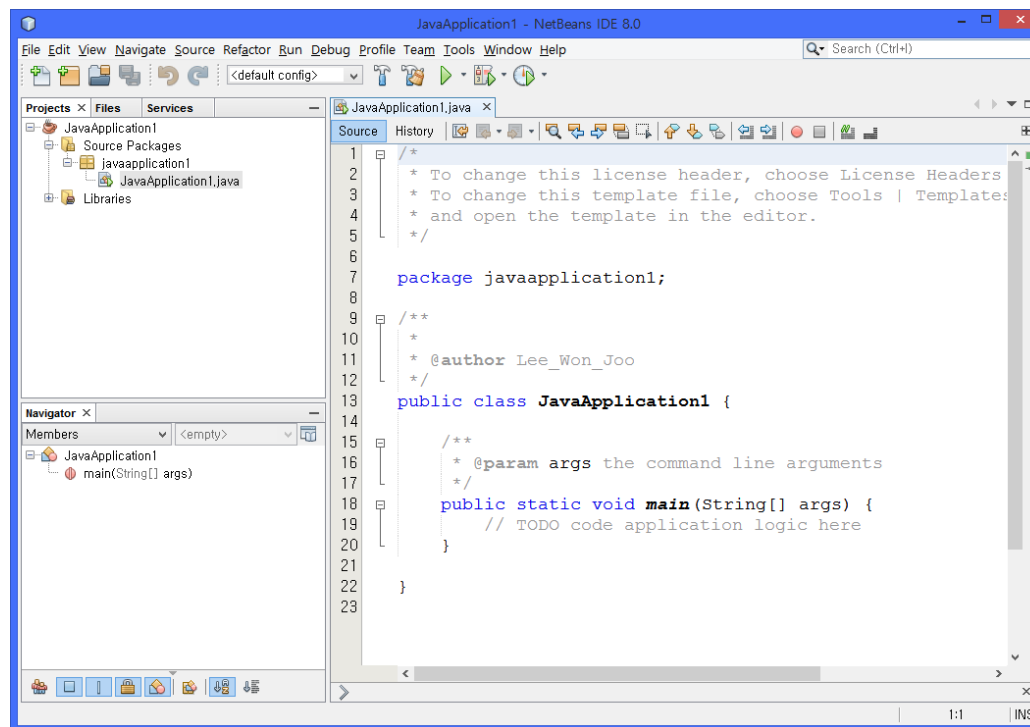




Java Windows Application 개발 환경





학습 목표

■ 교육 목표

- ❖ Java 프로그램 개발 도구
- ❖ JDK(Java Development Kit) with NetBeans 설치





Java 프로그램 개발 도구

■ Java 프로그램 개발 도구 종류

❖ JDK (Java Development Kit)

❖ 통합개발환경

◆ Eclipse, NetBeans, Jbuilder, Visual J++

❖ Download

도구	File	Download URL
JDK	jdk-16.0.2_windows-x64_bin.exe	http://www.oracle.com/technetwork/java/javase/downloads/index.html
NetBeans	Apache-NetBeans-12.4-bin-windows-x64.exe	https://netbeans.apache.org/download/nb124/nb124.html
NetBeans with JDK	jdk-8u141-nb-8_2-windows-x64.exe	https://drive.google.com/drive/folders/1fyppVCOEWiVi8EXB3iX9isZKcG_se3-Z?usp=sharing





JDK with NetBeans 설치 | (1)

JDK 다운로드

The screenshot shows the Oracle website's download page. A yellow box at the top contains the URL `1. https://www.oracle.com/downloads/index.html`, with a red arrow pointing to the address bar. Below this, the page is divided into 'Developer Downloads' and 'Customer Downloads'. A second yellow box labeled `2. Click` has a red arrow pointing to the 'Java for Developers >' link, which is also enclosed in a red rectangular box. The page features several icons for different download categories: Java for Your Device, Java for Developers, Java, Applications, Database, Developer Tools, and a general download arrow.

1. `https://www.oracle.com/downloads/index.html`

Developer Downloads
Software downloads are free, and most come with a [developer license](#) that allows you to use full versions of the products at no charge while developing and prototyping, or for strictly self-educational purposes.*

Customer Downloads
If you already have a commercial license, you should download your software from the [Oracle Software Delivery Cloud](#), which is specifically designed for customer fulfillment. For patches, see [My Oracle Support](#).

2. Click

Java for Your Device >
Get the Java Runtime Environment (JRE).

Java for Developers >
Java EE and GlassFish, SE, and more.

Java >
See all Java downloads.

Applications >
Cloud-ready applications.

Database >
#1 Database for cloud.

Developer Tools >
Complete and integrated development tools.





JDK with NetBeans 설치 (2)

Oracle Technology Network > Java > Java SE > Downloads

Menu

Java SE Downloads

Java Platform (JDK) 8u144

NetBeans with JDK 8

3. Click

Java SE 8u144

Java SE 8u144 includes important bug fixes. Oracle strongly recommends that all Java SE 8 users upgrade to this release. [Learn more](#)

- Installation Instructions
- Release Notes
- Oracle License
- Java SE Products
- Third Party Licenses
- Certified System Configurations
- Readme Files
 - JDK ReadMe
 - JRE ReadMe

Which Java package do I need?

- Software Developers: JDK** (Java SE Development Kit). For Java Developers. Includes a complete JRE plus tools for developing, debugging, and monitoring Java applications.
- Administrators running applications on a server: Server JRE** (Server Java Runtime Environment) For deploying Java applications on servers. Includes tools for JVM monitoring and tools commonly required for server applications, but does not include browser integration (the Java plug-in), auto-update, nor an installer. [Learn more](#)
- End user running Java on a desktop: JRE** (Java Runtime Environment). Covers most end-users needs. Contains everything required to run Java applications on your system.

Java SDKs and Tools

- Java SE
- Java EE and Glassfish
- Java ME
- Java Card
- NetBeans IDE
- Java Mission Control
- Demos and Videos
- Forums
- Java Magazine
- Java.net
- Developer Training
- Tutorials
- Java.com





JDK with NetBeans 설치 (3)

Oracle Technology Network > Java > Java SE > Downloads

Overview Downloads Documentation Community Technologies Training

JDK 8u141 with NetBeans 8.2

This distribution of the JDK includes the Java SE bundle of [NetBeans IDE](#), which is a powerful integrated development environment for developing applications on the Java platform. [Learn more](#)

You must accept the [JDK 8u141 and NetBeans 8.2 Cobundle License Agreement](#) to download this software.

☐ Accept License Agreement ☒ Decline License Agreement

Java SE and NetBeans Cobundle (JDK 8u141 and NB 8.2)		
Product / File Description	File Size	Download
Linux x86	291.06 MB	jdk-8u141-nb-8_2-linux-i586.sh
Linux x64	286.34 MB	jdk-8u141-nb-8_2-linux-x64.sh
Mac OS X x64	342.18 MB	jdk-8u141-nb-8_2-macosx-x64.dmg
Windows x86	318.95 MB	jdk-8u141-nb-8_2-windows-i586.exe
Windows x64	329.17 MB	jdk-8u141-nb-8_2-windows-x64.exe

- License
- Java SE 8 Readme
- NB 8.2 3rd Party Readme
- Installation Instructions
- Java SE Release Notes
- NetBeans Release Notes

Java SE Development Kit 8u141 and NetBeans IDE 8.2 复合软件包下载 (简体中文)

- 安装说明
- Java SE 发行说明
- NetBeans 发行说明

Java SE Development Kit 8u141 e NetBeans IDE 8.2 Bundle (Português do Brasil)

- Instruções de instalação
- Notas da versão do Java SE
- Notas da versão do NetBeans

Java SE Development Kit 8u141 および NetBeans IDE 8.2 のダウンロード

- 使用許諾契約の表示

Java SDKs and Tools

- Java SE
- Java EE and Glassfish
- Java ME
- Java Card
- NetBeans IDE
- Java Mission Control

Java Resources

- Java APIs
- Technical Articles
- Demos and Videos
- Forums
- Java Magazine
- Java.net
- Developer Training
- Tutorials
- Java SE 8

4. Click

5. Click





JDK with NetBeans 설치 (4)

Oracle Technology Network > Java > Java SE > Downloads

JDK 8u141 with NetBeans 8.2

This distribution of the JDK includes the Java SE bundle of [NetBeans IDE](#), which is a powerful integrated development environment for developing applications on the Java platform. [Learn more](#)

You must accept the [JDK 8u141 and NetBeans 8.2 Cobundle License Agreement](#) to download this software.

Thank you for accepting the JDK 8u141 and NetBeans 8.2 Cobundle License Agreement; you may now download this software.

Java SE and NetBeans Cobundle (JDK 8u141 and NB 8.2)		
Product / File Description	File Size	Download
Linux x86	291.06 MB	jdk-8u141-nb-8_2-linux-i586.sh
Linux x64	286.34 MB	jdk-8u141-nb-8_2-linux-x64.sh
Mac OS X x64	342.18 MB	jdk-8u141-nb-8_2-macosx-x64.dmg
Windows x86	318.95 MB	jdk-8u141-nb-8_2-windows-i586.exe
Windows x64	329.17 MB	jdk-8u141-nb-8_2-windows-x64.exe

- [License](#)
- [Java SE 8 Readme](#)
- [NB 8.2 3rd Party Readme](#)
- [Installation Instructions](#)
- [Java SE Release Notes](#)
- [NetBeans Release Notes](#)

Java SE Development Kit 8u141 and NetBeans IDE 8.2 复合软件包下载 (简体中文)

- [安装说明](#)
- [Java SE 发行说明](#)
- [NetBeans 发行说明](#)

Java SE Development Kit 8u141 e NetBeans IDE 8.2 Bundle (Português do Brasil)

- [Instruções de instalação](#)

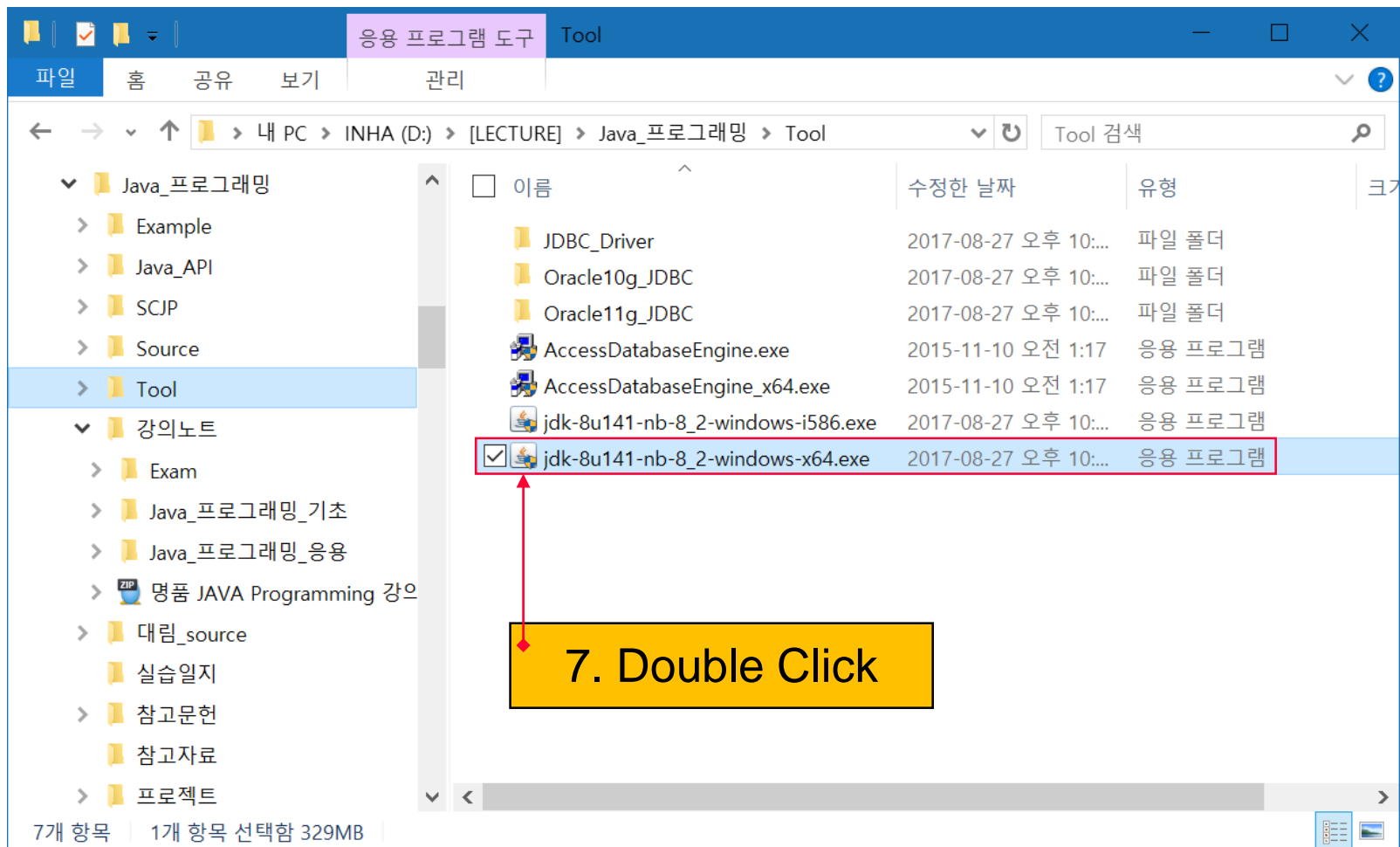
6. Click

download.oracle.com의 jdk-8u141-nb-8_2-windows-x64.exe(329MB)을(를) 실행하거나 저장하시겠습니까?





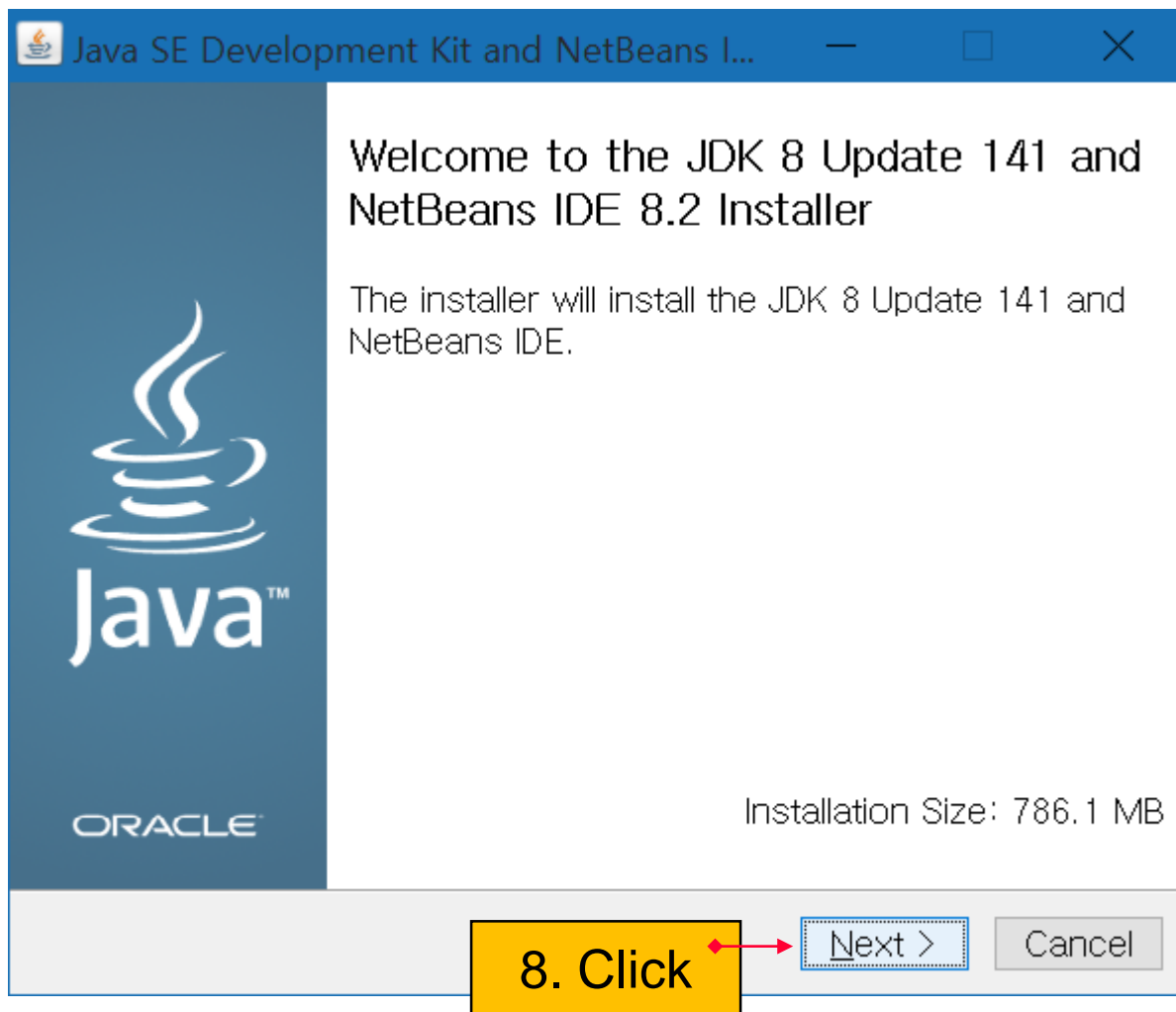
JDK with NetBeans 설치 (5)





JDK with NetBeans 설치 (6)

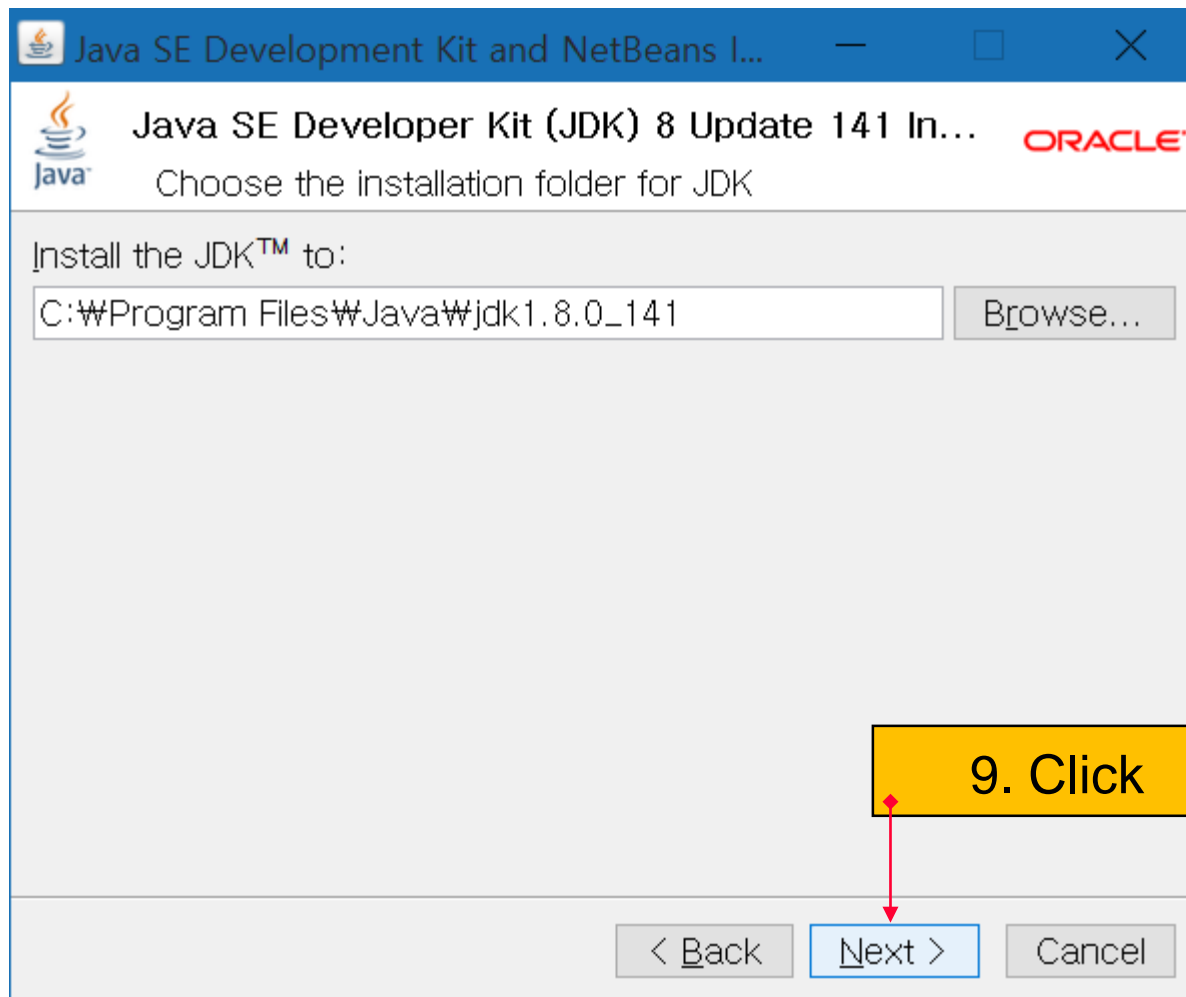
JDK 설치





JDK with NetBeans 설치 (7)

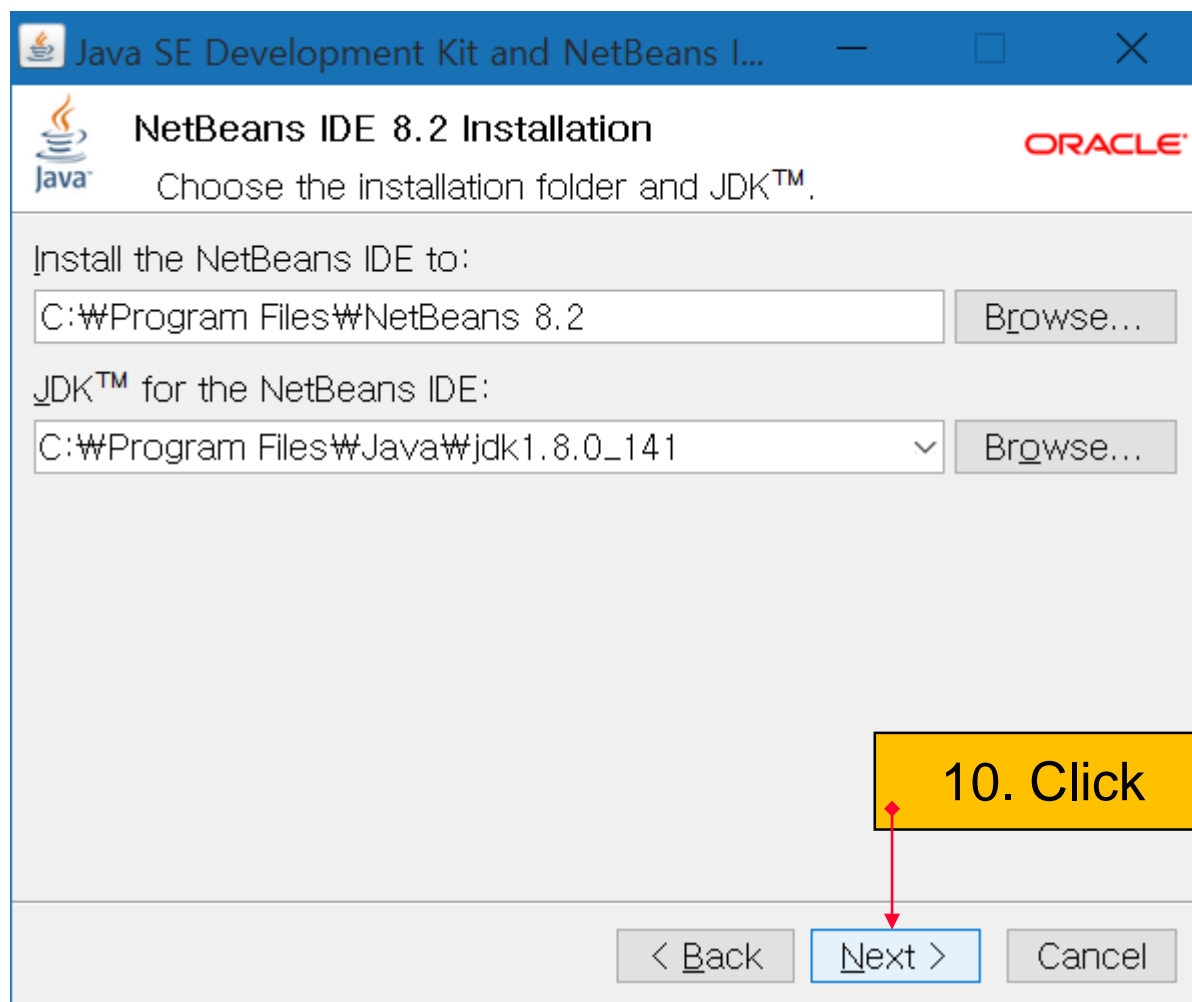
설치 폴더 지정





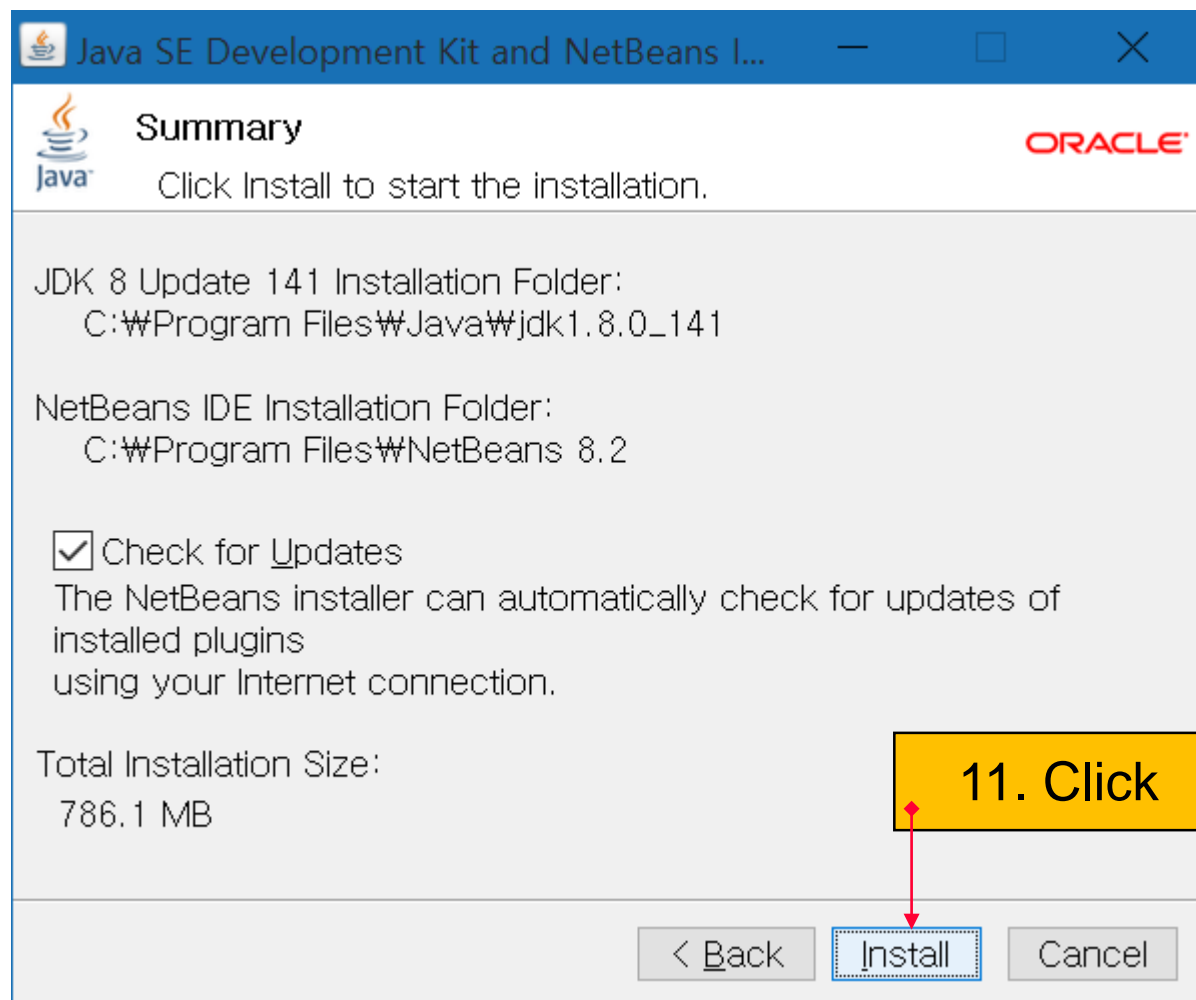
JDK with NetBeans 설치 (8)

설치 폴더 지정





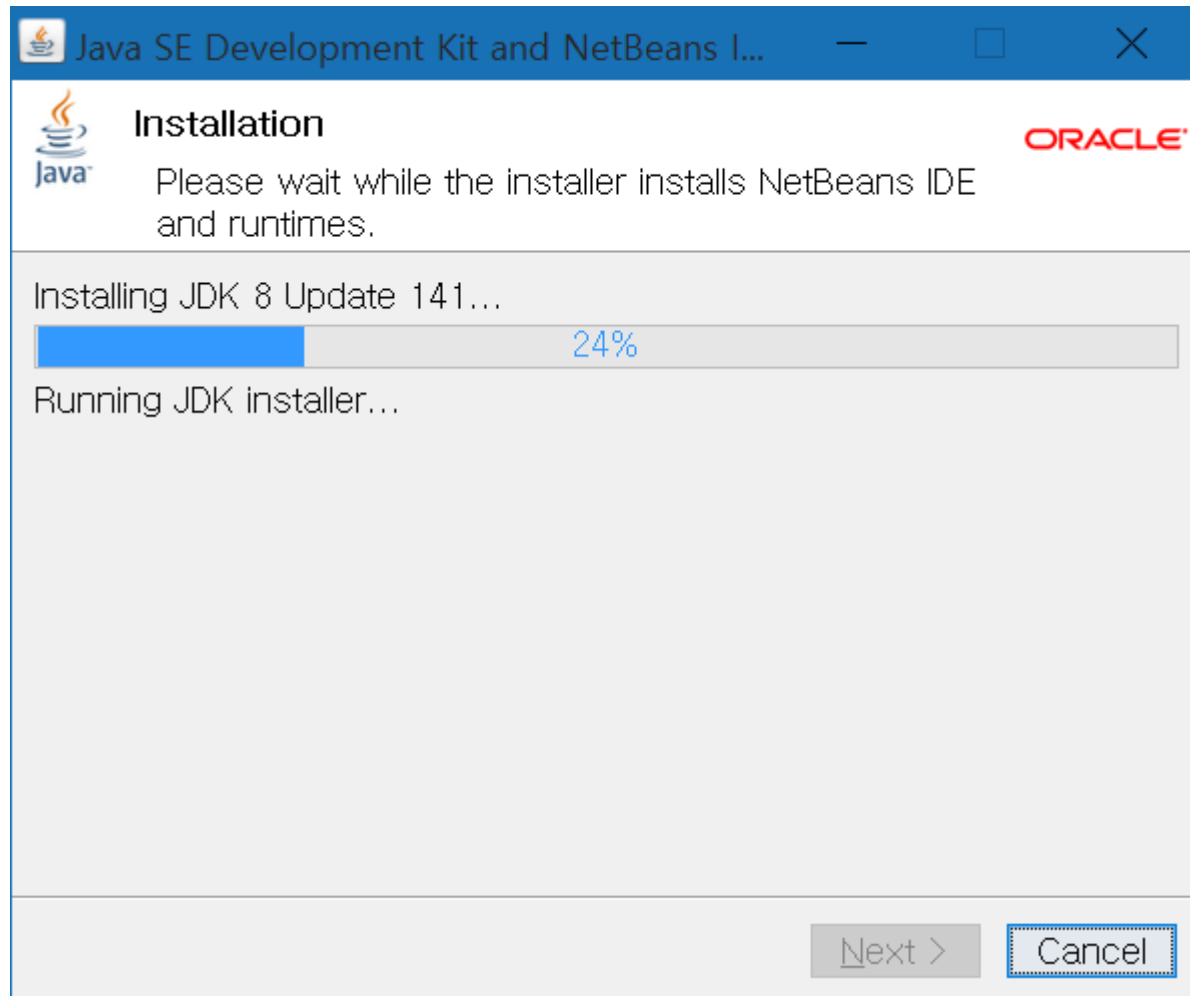
JDK with NetBeans 설치 (9)





JDK with NetBeans 설치 | (10)

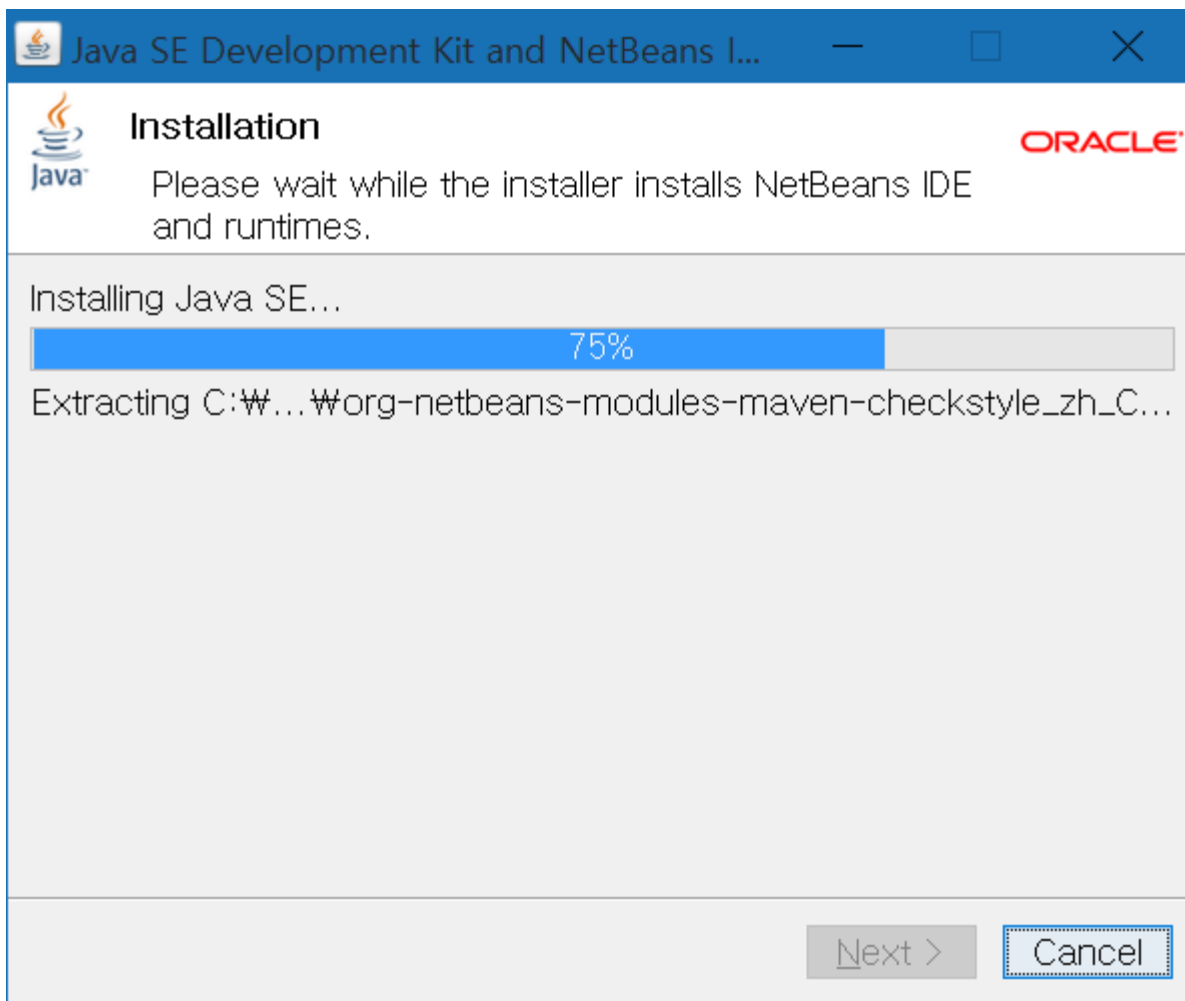
JDK 설치





JDK with NetBeans 설치 (11)

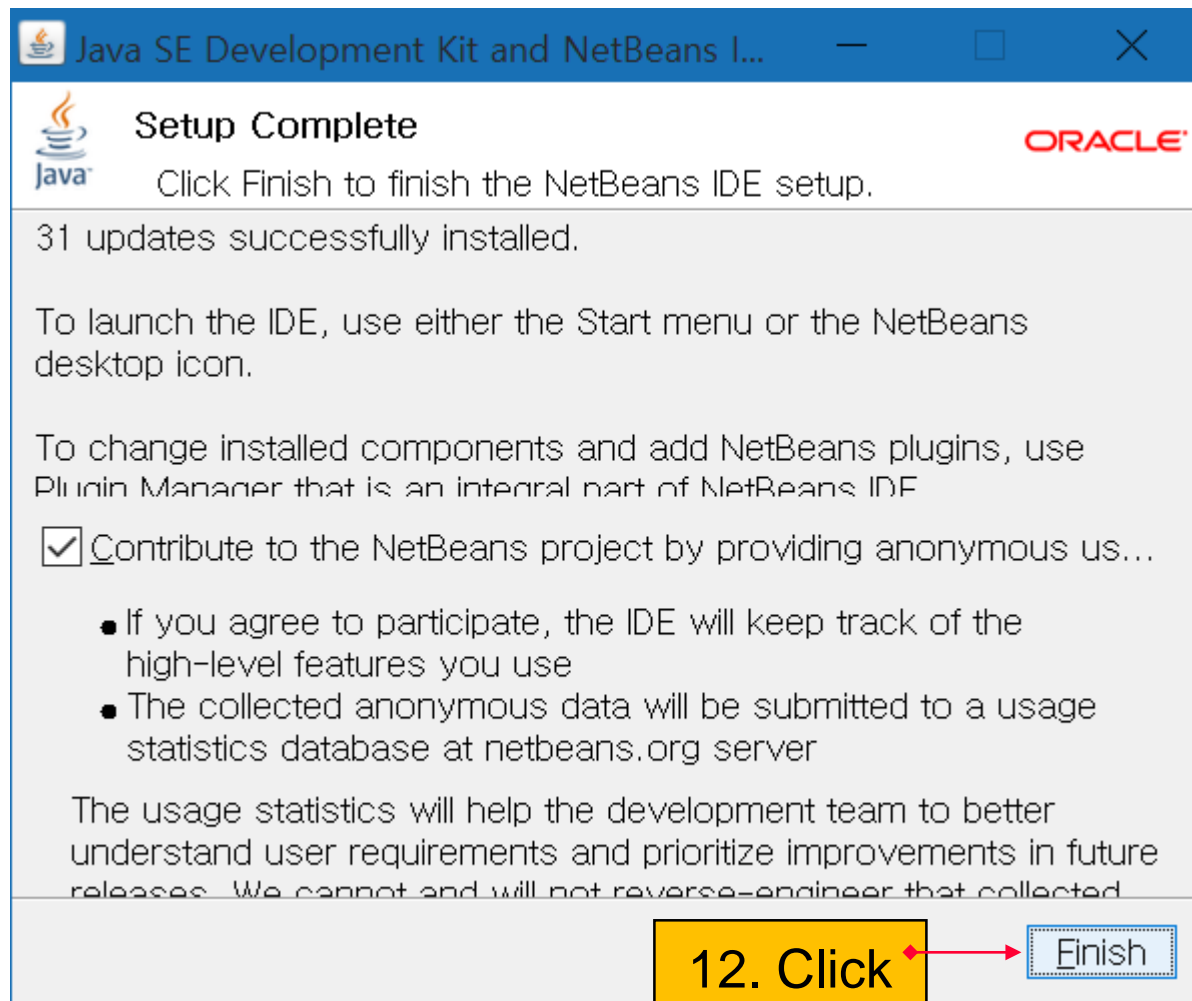
■ NetBeans 설치





JDK with NetBeans 설치 (12)

■ NetBeans 설치 완료

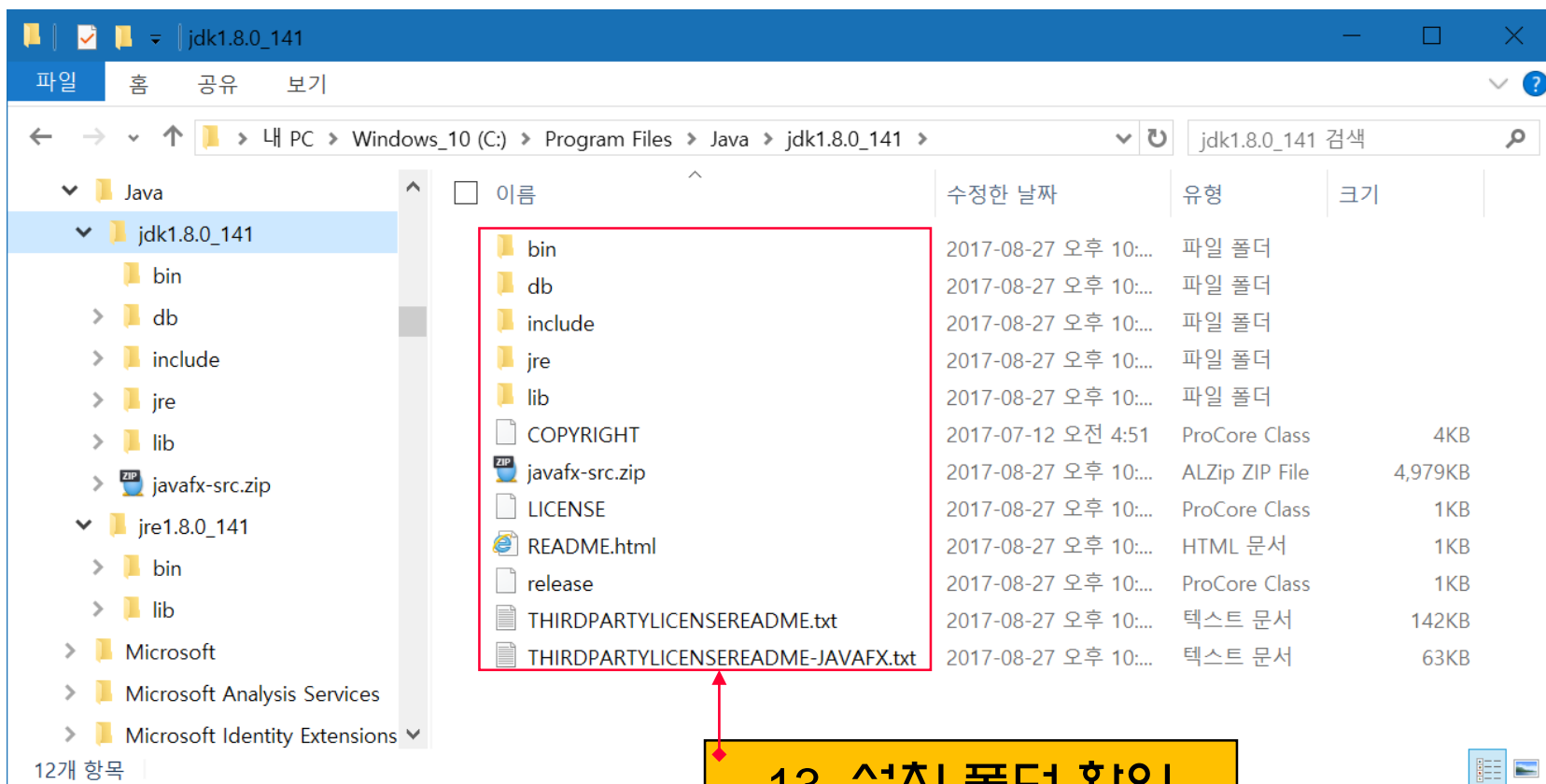




JDK with NetBeans 설치 (13)

JDK 설치 폴더

❖ C:\Program Files\Java\jdk1.8.0_141



13. 설치 폴더 확인





JDK with NetBeans 설치 (14)

■ NetBeans 설치 폴더

❖ C:\Program Files\NetBeans 8.2

14. 설치 폴더 확인

NetBeans 8.2

파일 홈 공유 보기

내 PC > Windows_10 (C:) > Program Files > NetBeans 8.2

이름

이름	타입	크기
apisupport	폴더	
bin	폴더	
etc	폴더	
extide	폴더	
harness	폴더	
ide	폴더	
java	폴더	
javafx	폴더	
nb	폴더	
platform	폴더	
profiler	폴더	
websvccommon	폴더	
CREDITS.html	HTML 문서	5KB
LICENSE.txt	텍스트 문서	40KB
moduleCluster.properties	PROPERTIES 파일	42KB
netbeans.css	CSS 스타일시트 문서	18KB
README.html	HTML 문서	6KB
THIRDPARTYLICENSE.txt	텍스트 문서	244KB
uninstall.exe	응용 프로그램	1,987KB

19개 항목



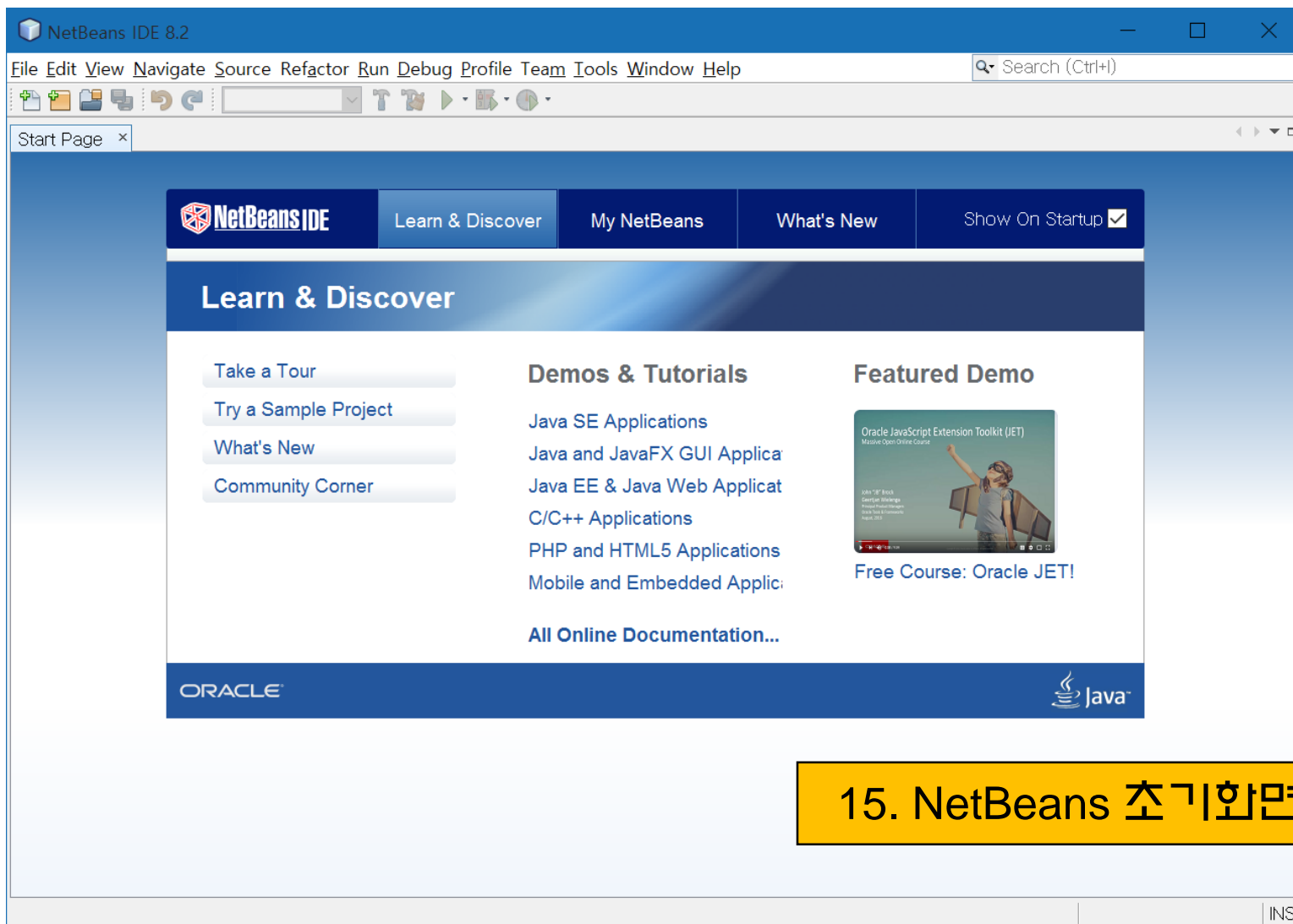
JDK with NetBeans 설치 (15)

■ NetBeans 실행





JDK with NetBeans 설치 (16)



15. NetBeans 초기화면





학습 요약

- Java 프로그램 개발 도구
- JDK(Java Development Kit) with NetBeans 설치





Download

■ jdk-8u141-nb-8_2-windows-i586

■ jdk-8u141-nb-8_2-windows-x64

❖ https://drive.google.com/drive/folders/1fyppVCOEWiVi8EXB3iX9isZKcG_se3-Z?usp=sharing

