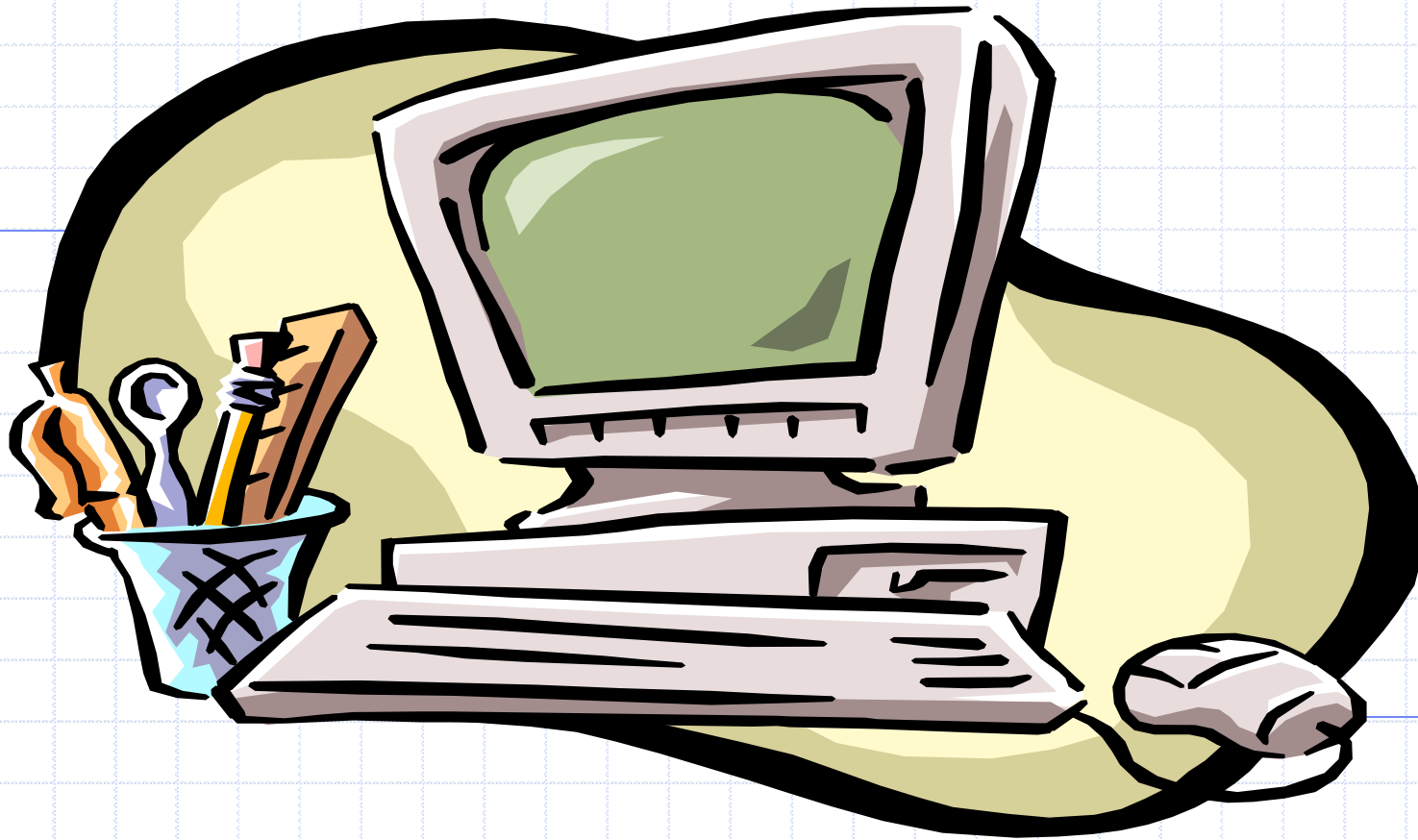


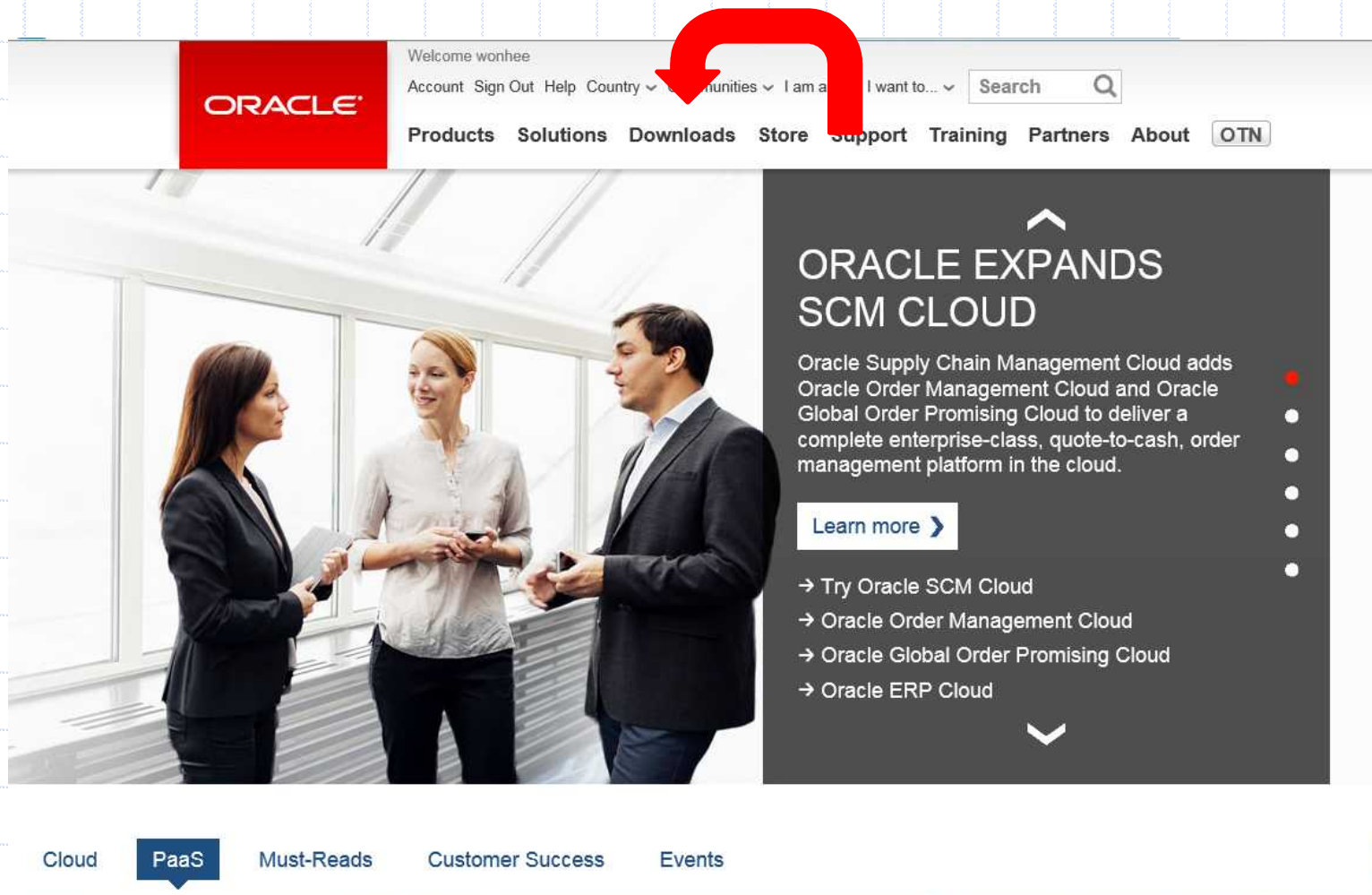


JDeveloper 설치 및 환경설정



□ JDeveloper 설치

1. <http://www.oracle.com> 에 접속한다.
2. Downloads를 클릭한다.



3. Developer Tools를 클릭한다.



Top Downloads

- Database Downloads
- Database 12c
- Developer Tools
- Application Downloads
- Enterprise Management Downloads
- Middleware Downloads
- Java Downloads
- Java Runtime Environment
- Java SE
- Java EE and Oracle GlassFish
- Java for your computer



4. Developer Tools에 JDeveloper & ADF 를 클릭한다.

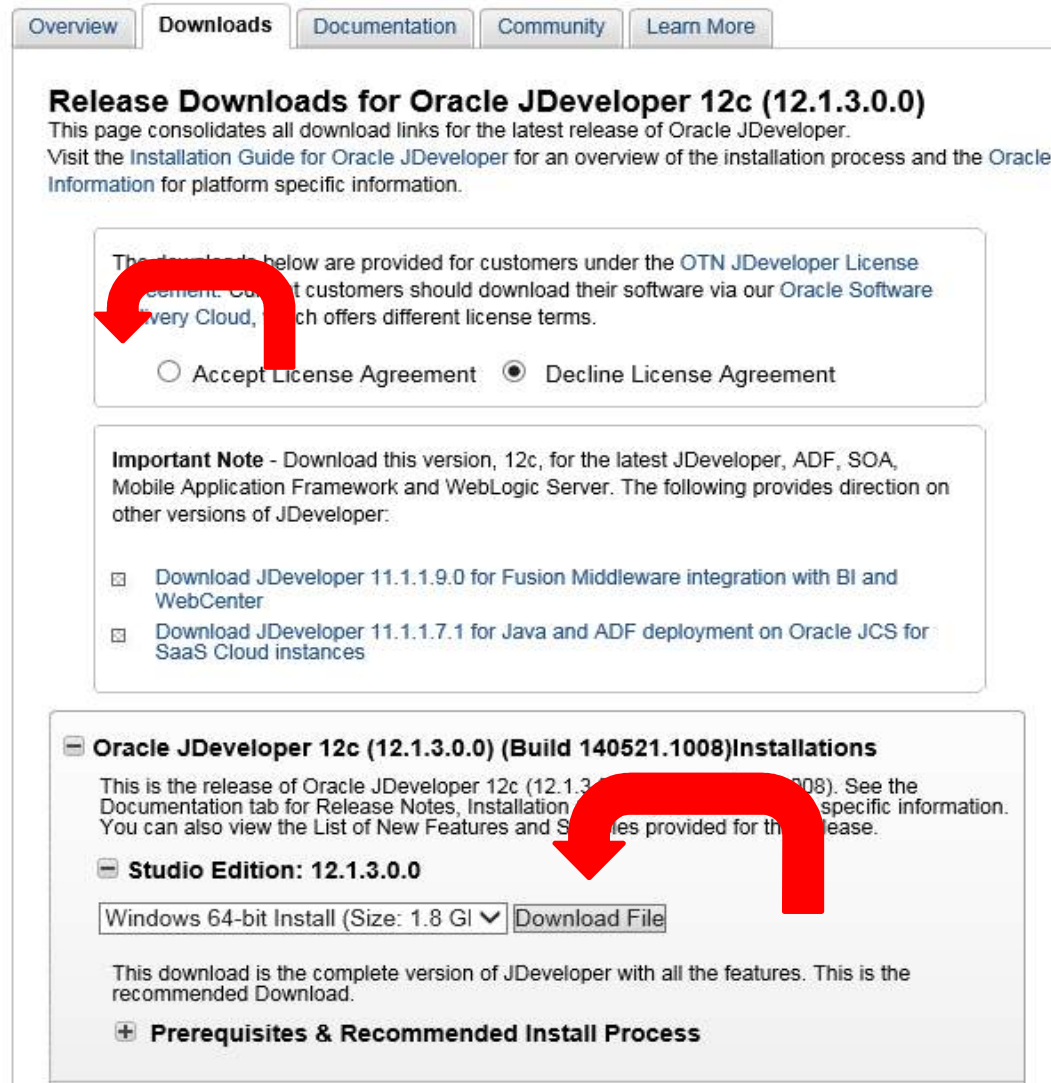
Developer Tools

- 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 Service
- JDeveloper & ADF
- NetBeans IDE
- SOA Suite
- Solaris Studio
- SQL Developer
- SQL Developer Data Modeler
- StorageTek
- Team Productivity Center
- TopLink
- Warehouse Builder
- XML Developer Kit 10g



5. Accept License Agreement에 체크한 뒤, Studio Edition:12.1.3.0.0으로 간다.

6. 자신의 운영체제를 확인한 뒤 Download File를 클릭한 다.



The screenshot shows the Oracle JDeveloper 12c download page. At the top, there are tabs for Overview, Downloads, Documentation, Community, and Learn More. The main heading is "Release Downloads for Oracle JDeveloper 12c (12.1.3.0.0)". Below this, a paragraph states: "This page consolidates all download links for the latest release of Oracle JDeveloper. Visit the [Installation Guide for Oracle JDeveloper](#) for an overview of the installation process and the [Oracle Information](#) for platform specific information."

A red arrow points to the "Accept License Agreement" radio button, which is currently selected. The text above the radio buttons says: "The download links below are provided for customers under the OTN JDeveloper License Agreement. Current customers should download their software via our Oracle Software Delivery Cloud, which offers different license terms."

Below the radio buttons, there is an "Important Note" section: "Download this version, 12c, for the latest JDeveloper, ADF, SOA, Mobile Application Framework and WebLogic Server. The following provides direction on other versions of JDeveloper:"

- ☐ Download JDeveloper 11.1.1.9.0 for Fusion Middleware integration with BI and WebCenter
- ☐ Download JDeveloper 11.1.1.7.1 for Java and ADF deployment on Oracle JCS for SaaS Cloud instances

Below the important note, there is a section titled "Oracle JDeveloper 12c (12.1.3.0.0) (Build 140521.1008) Installations". It contains the text: "This is the release of Oracle JDeveloper 12c (12.1.3.0.0) (Build 140521.1008). See the Documentation tab for Release Notes, Installation and System Requirements for specific information. You can also view the List of New Features and Supported Platforms provided for this release."

Below this text, there is a section titled "Studio Edition: 12.1.3.0.0". It contains a dropdown menu for "Windows 64-bit Install (Size: 1.8 GI)" and a "Download File" button. A red arrow points to the "Download File" button.

Below the "Download File" button, there is a paragraph: "This download is the complete version of JDeveloper with all the features. This is the recommended Download."

At the bottom, there is a section titled "+ Prerequisites & Recommended Install Process".



7. 로그인 화면이 나타나는데, 계정이 없을 경우, 계정 생성 버튼을 눌러 계정을 만든다.

로그인

사용자 이름

사용자 이름을 잊어버린 경우

비밀번호

비밀번호를 분실한 경우

로그인

도움이 필요하십니까?

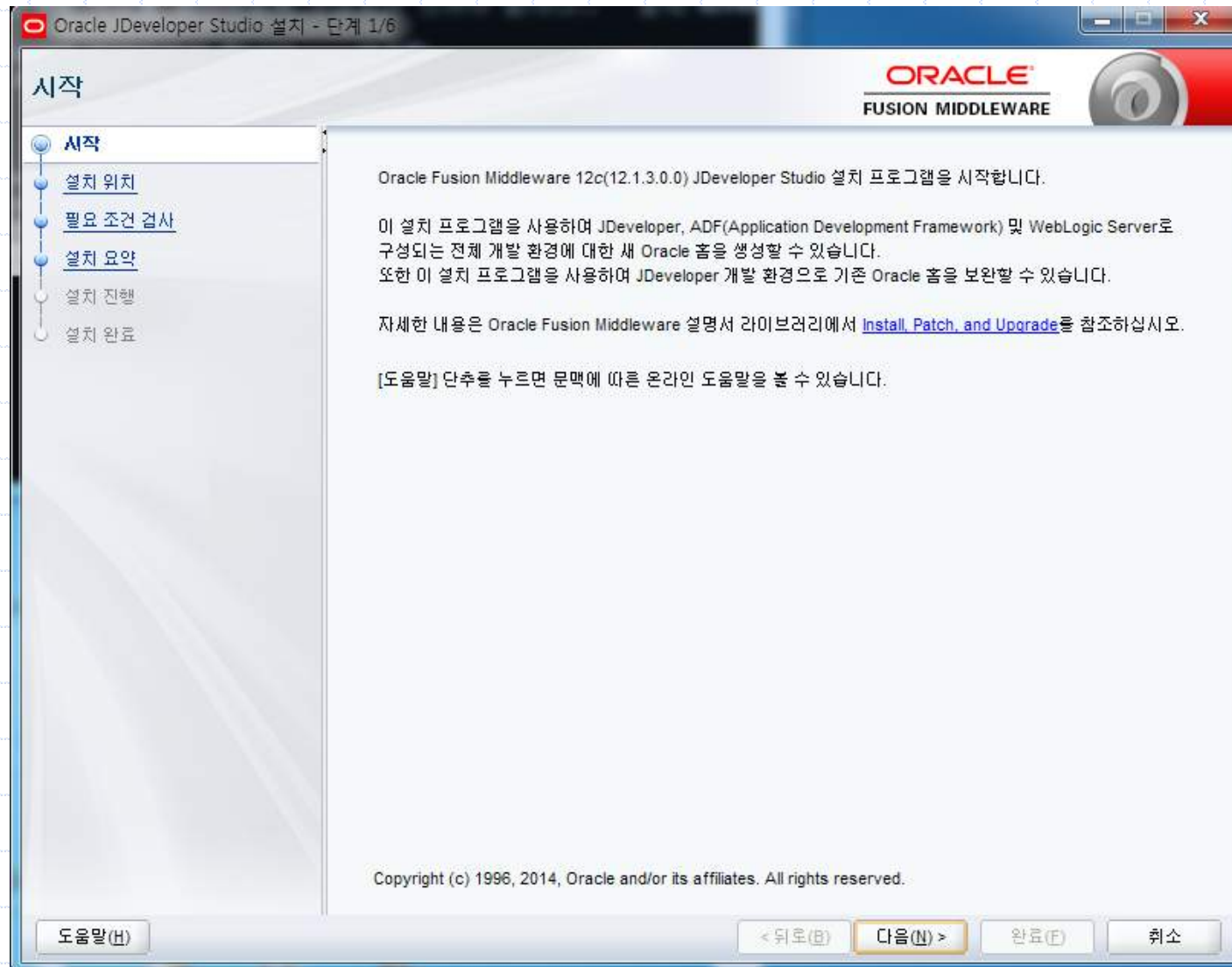
오라클 계정이
없습니까?

무료 오라클 계정을 통해 오라클 온라인 응용 프로그램, 서비스, 지원, 이벤트, 커뮤니티 등에 액세스할 수 있습니다.

계정 생성



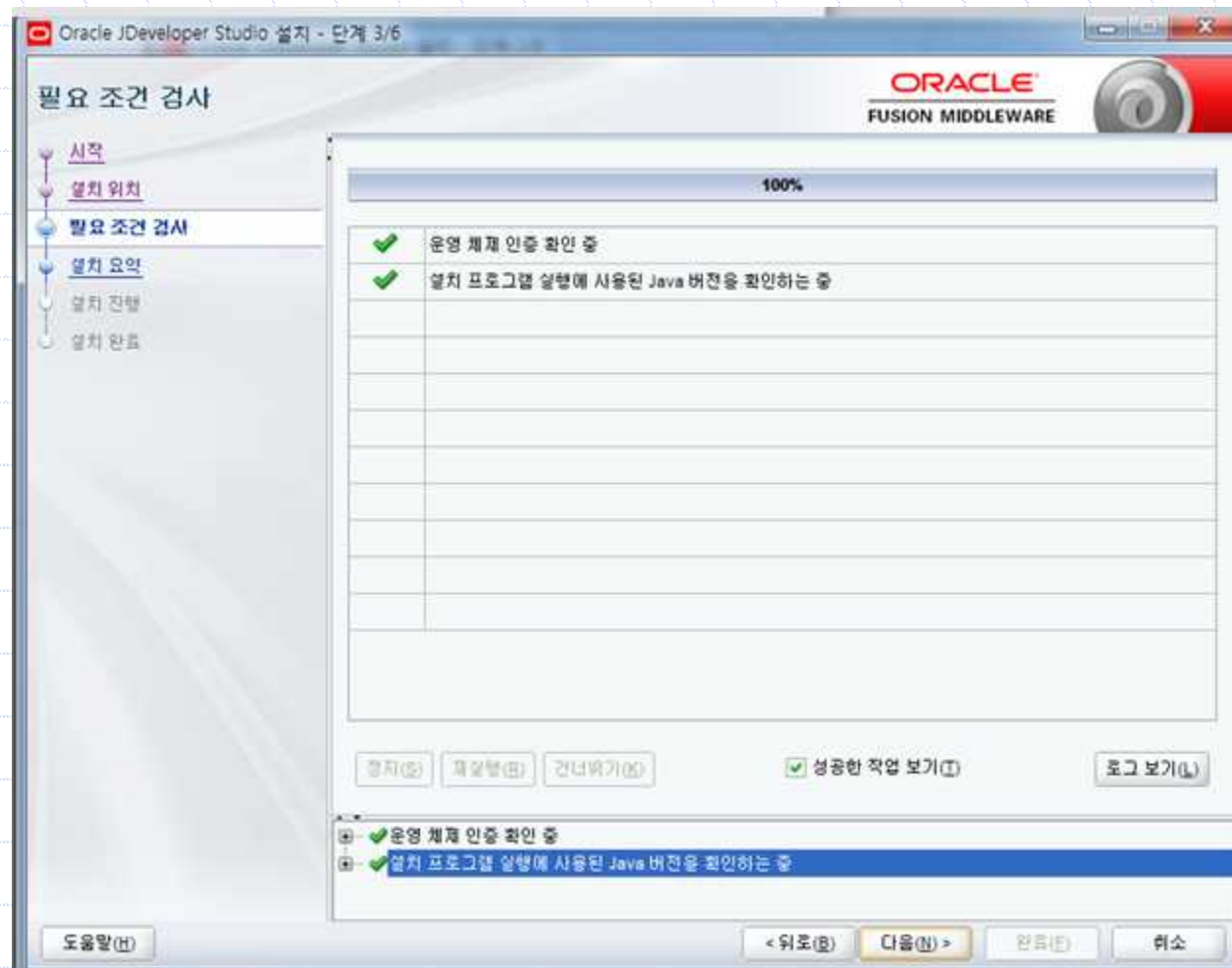
8. 파일전송이 끝나고 파일을 실행시키면 다음과 같은 화면이 나온다.



9. 설치위치를 선택한 다음, 다음 버튼을 누른다.



10. 필요 조건 을 검사하는 과정으로, 운영체제 인증과 Java버전의 확인이 완료되면 다음 버튼을 누른다.



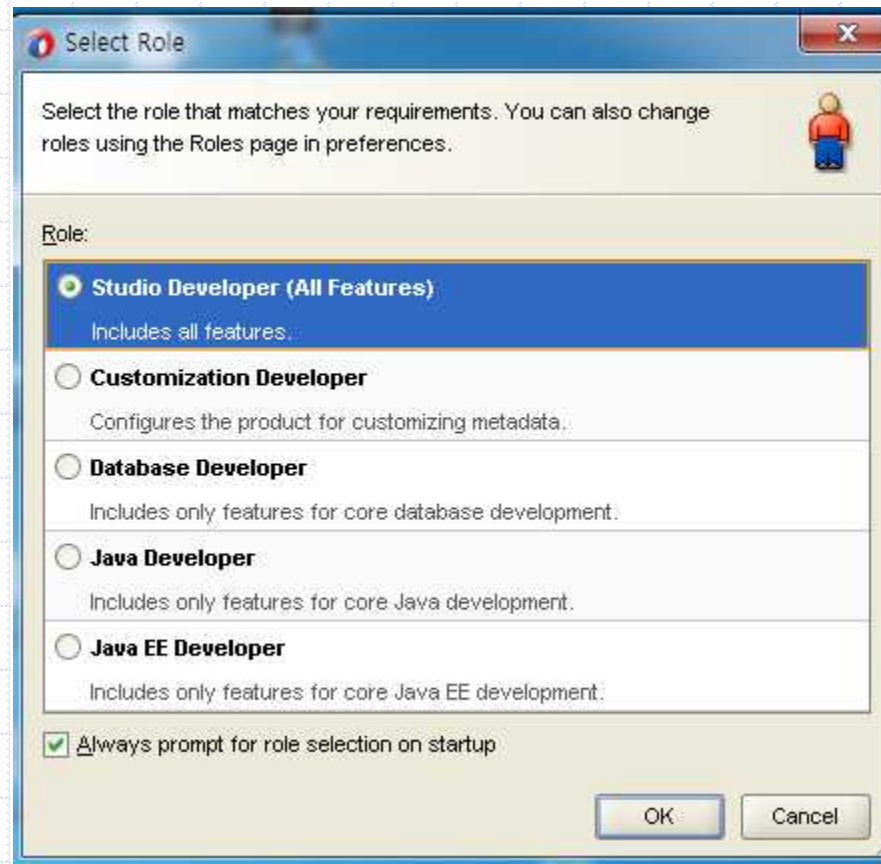
11. 설치 요약에선 설치 위치, 디스크 공간, 설치할 기능 집합 등의 설명이 출력된다. 설명을 읽고 난 다음, 설치버튼을 누른다.



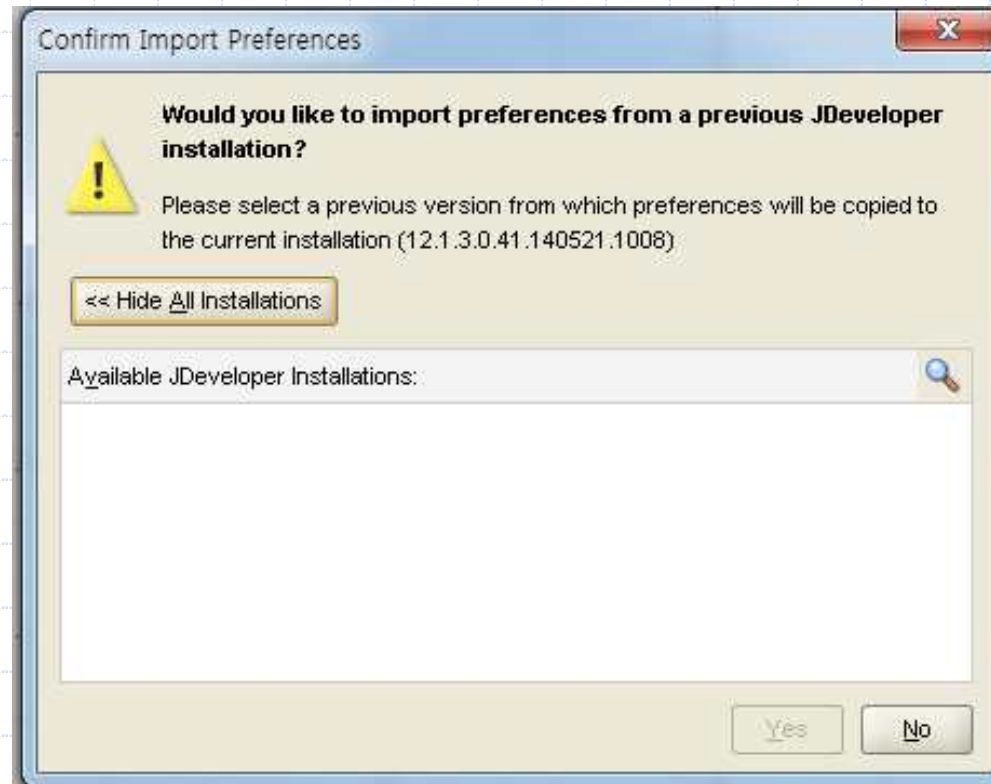
12. 설치가 끝나면 완료버튼을 누른다



13. 프로그램을 실행시키면 맨 처음 다음과 같은 화면이 나타나는데, 편의에 따라 설정을 완료 하고 OK버튼을 누른다.

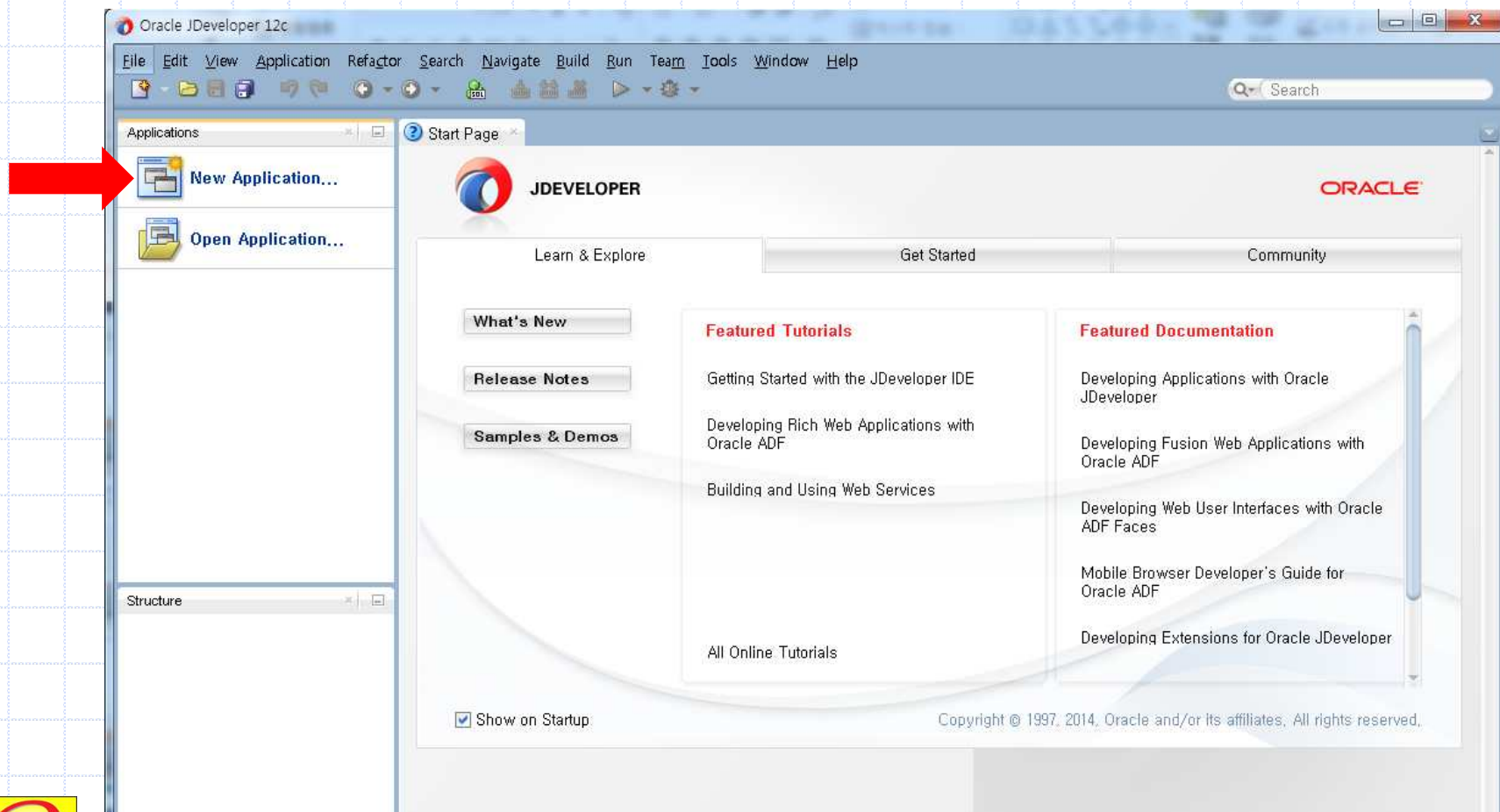


14.이전 버전의 JDeveloper을 Import를 할 것인지 화면이 뜨는데, 없을 경우 No버튼을 누른다.

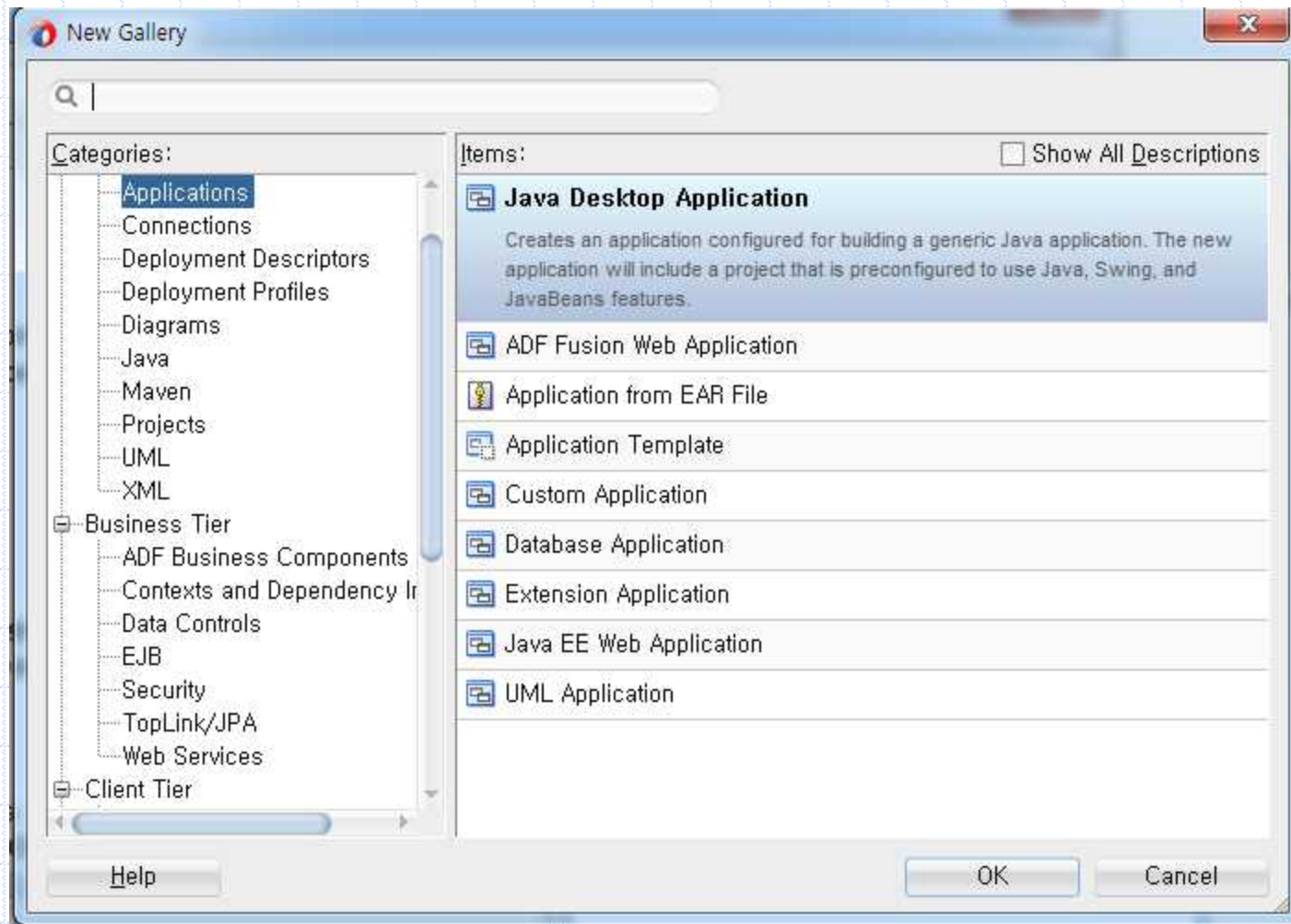


□ JDeveloper에서 자바 프로그램 작성 방법

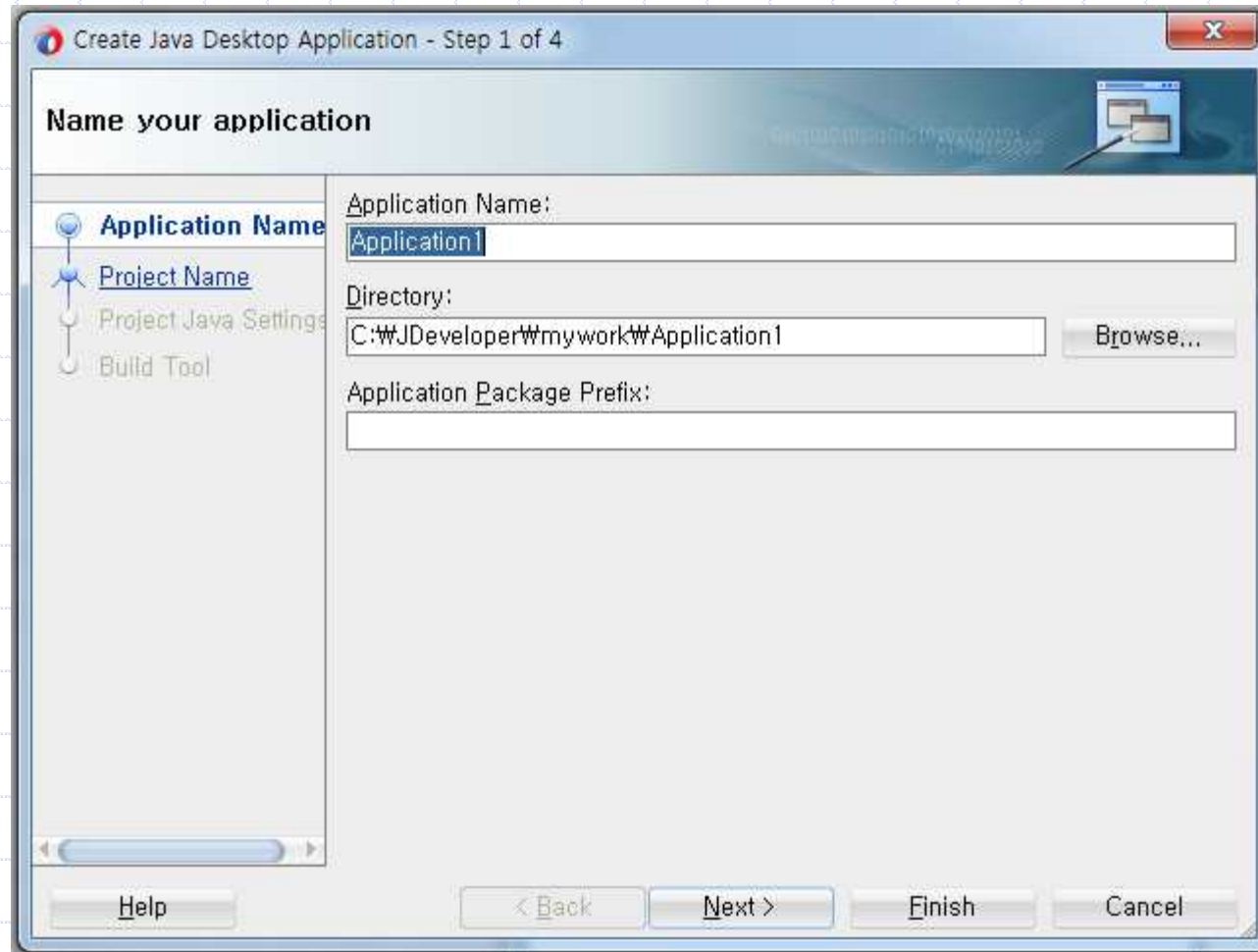
1. File->new->Application... 혹은 New Application을 클릭한다.



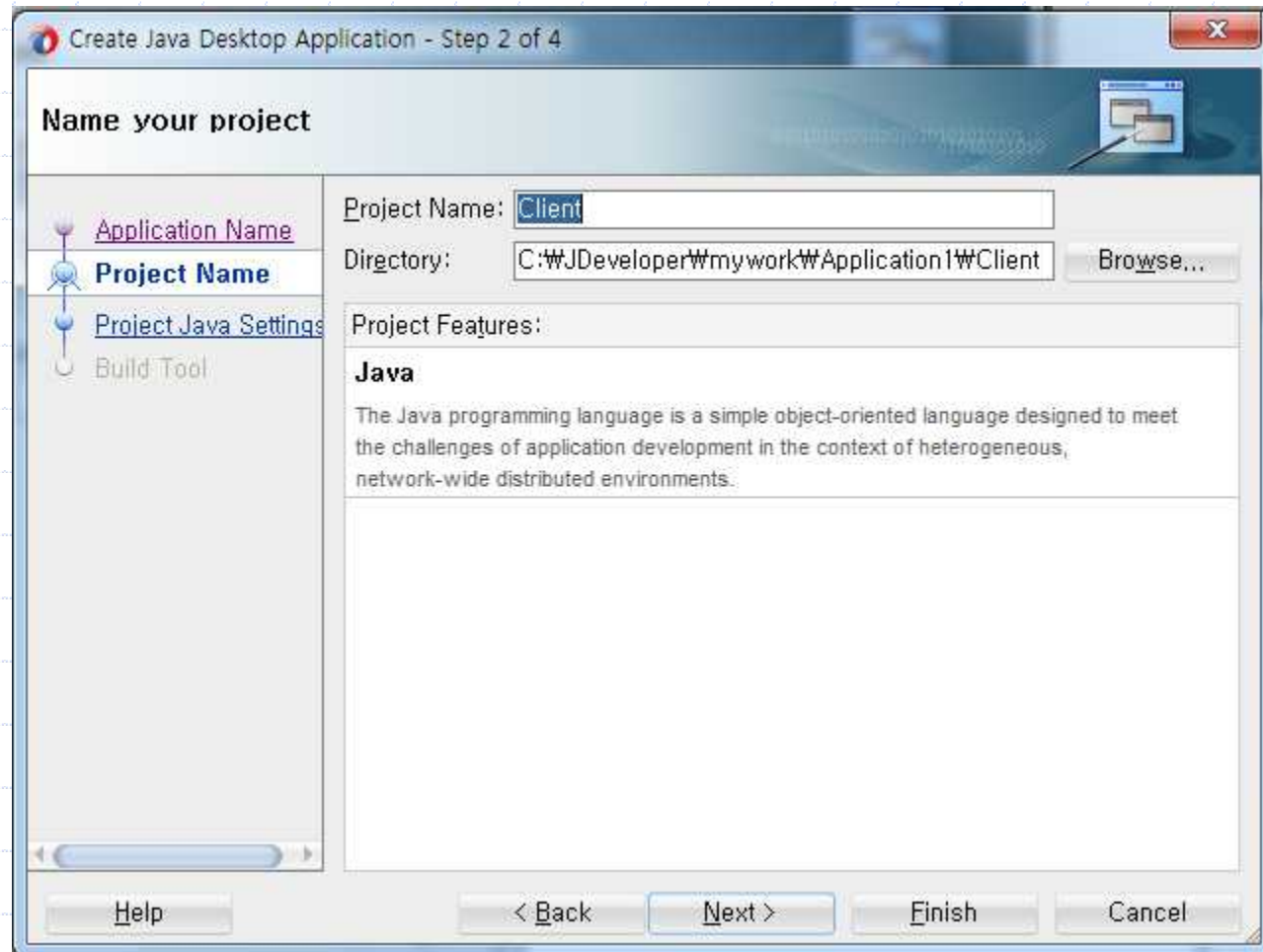
2. Java Desktop Application를 클릭하고 OK 버튼을 누른다.



3. Application Name을 설정하고 Next 버튼을 누른다.



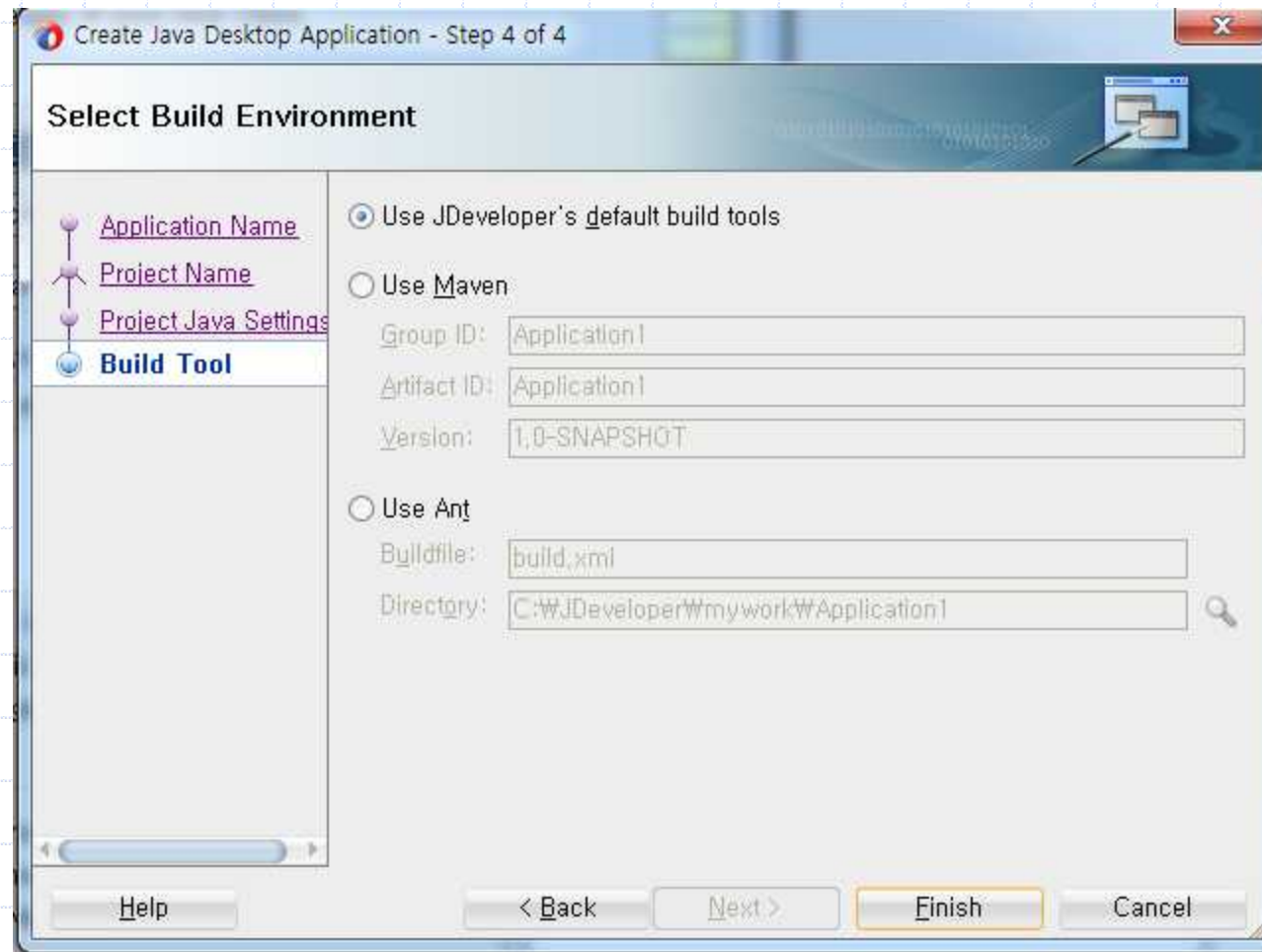
4. Project Name의 이름을 설정하고 Next 버튼을 누른다.



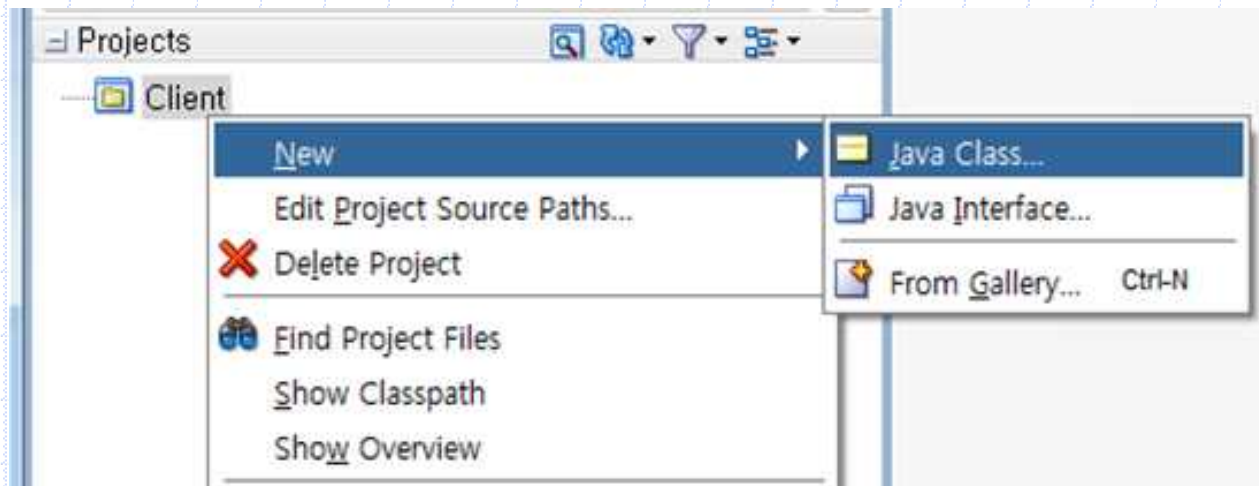
5. Package 이름을 설정하고 Next 버튼을 누른다.



6. Finish 버튼을 누른다.



7. Project 이름을 마우스 우클릭->New ->Java Class...



8. Main Method 항목을 체크하고 OK버튼 클릭

Create Java Class

Enter the details of your new class.

Name:

Package:

Extends:

Optional Attributes

Implements:

Access Modifiers

☒ public

☐ package protected

Other Modifiers

☒ <None>

☐ abstract

☐ final

☐ Constructors from Superclass

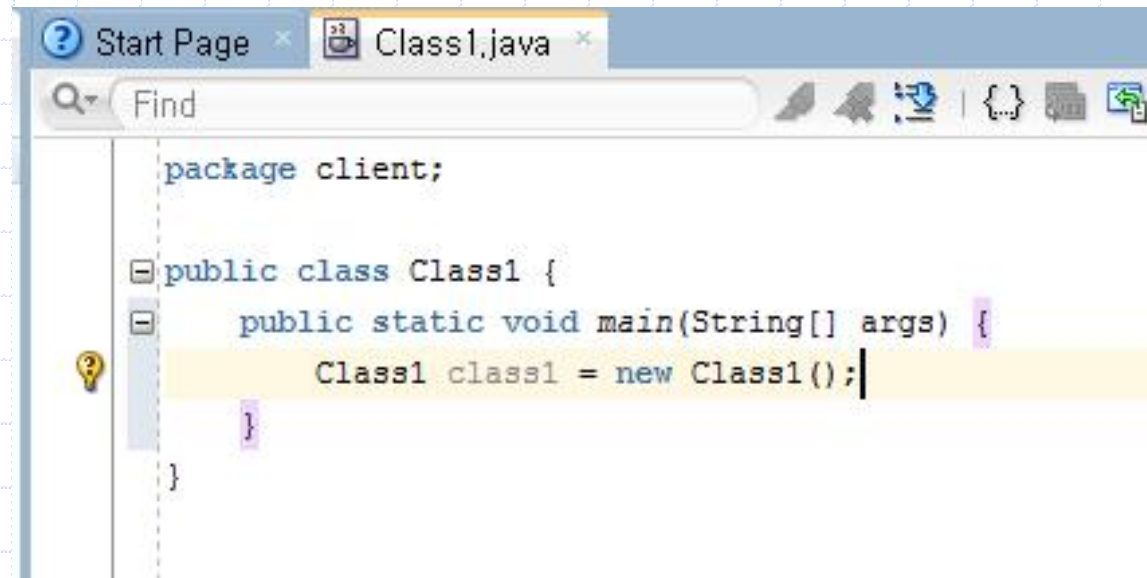
☐ Implement Abstract Methods

☒ Main Method

Help OK Cancel



9. 다음과 같은 코드 편집 창이 생성된다.



The screenshot shows a Java IDE window with two tabs: 'Start Page' and 'Class1.java'. The 'Class1.java' tab is active, displaying the following code:

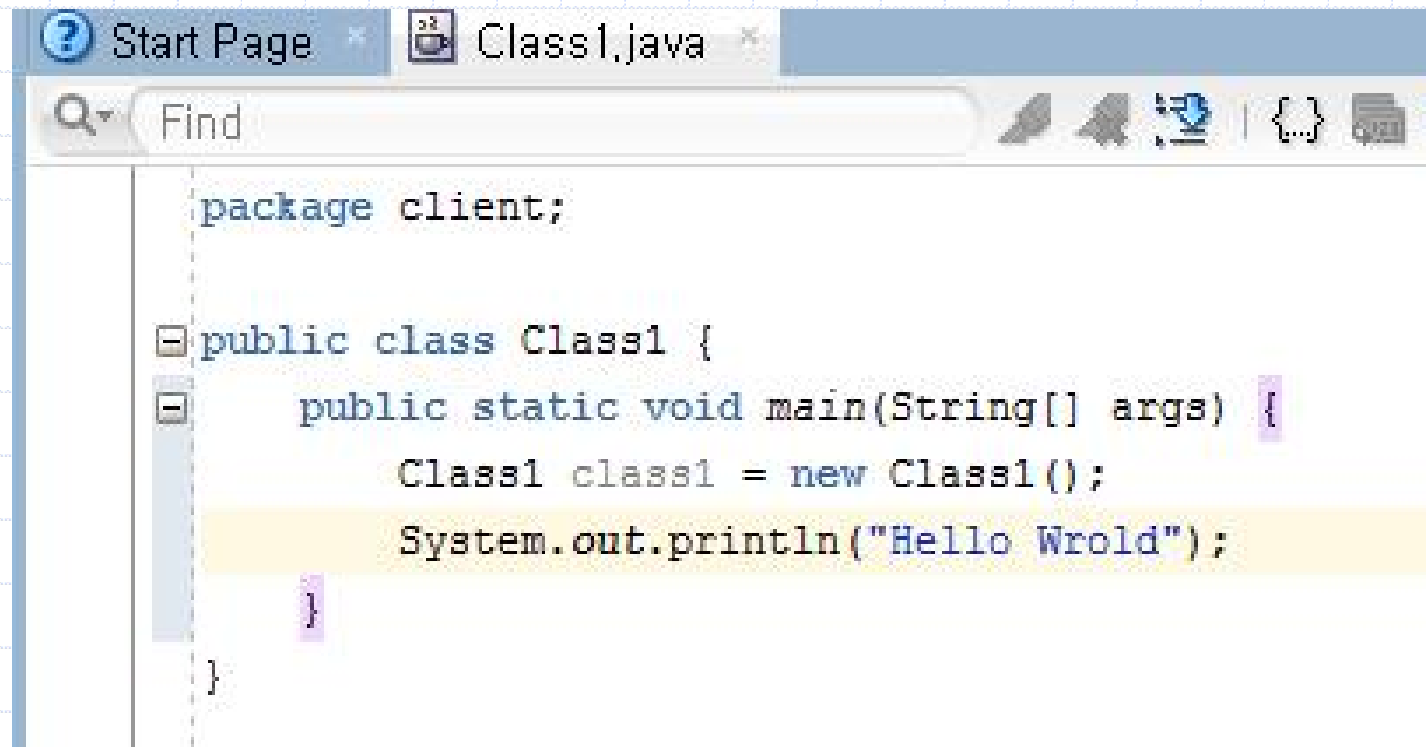
```
package client;

public class Class1 {
    public static void main(String[] args) {
        Class1 class1 = new Class1();
    }
}
```

The code is syntax-highlighted, with keywords in blue, strings in red, and comments in green. The line `Class1 class1 = new Class1();` is highlighted in yellow. A yellow key icon is visible in the left margin next to the opening curly brace of the `main` method.



10. 화면에 "Hello World" 출력하기 위해 다음과 같이 코드를 작성한다.



The screenshot shows an IDE window with two tabs: 'Start Page' and 'Class1.java'. Below the tabs is a 'Find' search bar. The main area displays the following Java code:

```
package client;

public class Class1 {
    public static void main(String[] args) {
        Class1 class1 = new Class1();
        System.out.println("Hello Wrold");
    }
}
```

The line `System.out.println("Hello Wrold");` is highlighted in yellow. The code contains a typo 'Wrold' instead of 'World'.



11. 화면에 ▶ 버튼 혹은 F11을 누르면 코드가 실행되고 결과 창에 코드결과를 확인할 수 있다.

