

# Java설치 및 Eclipse 설치

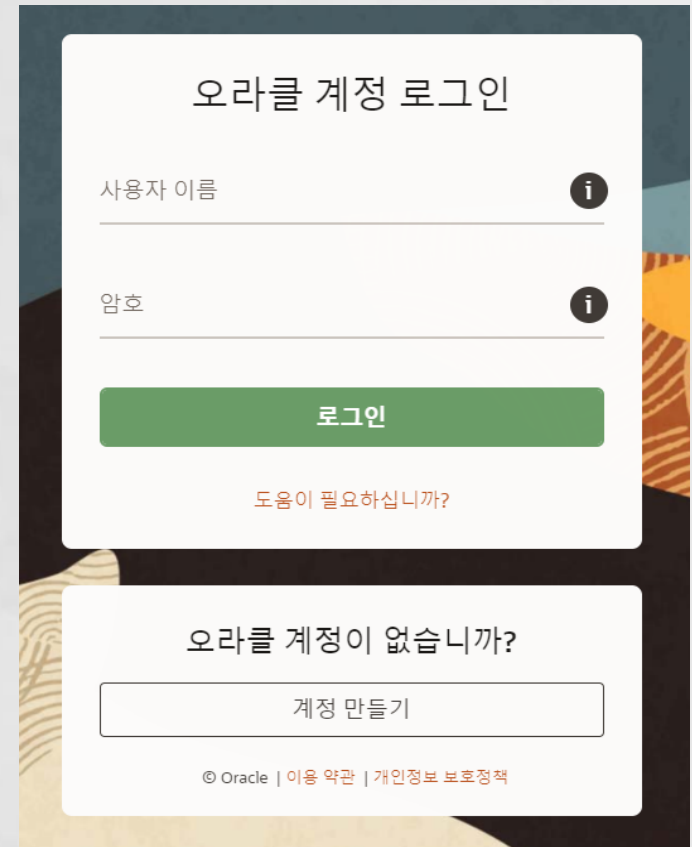
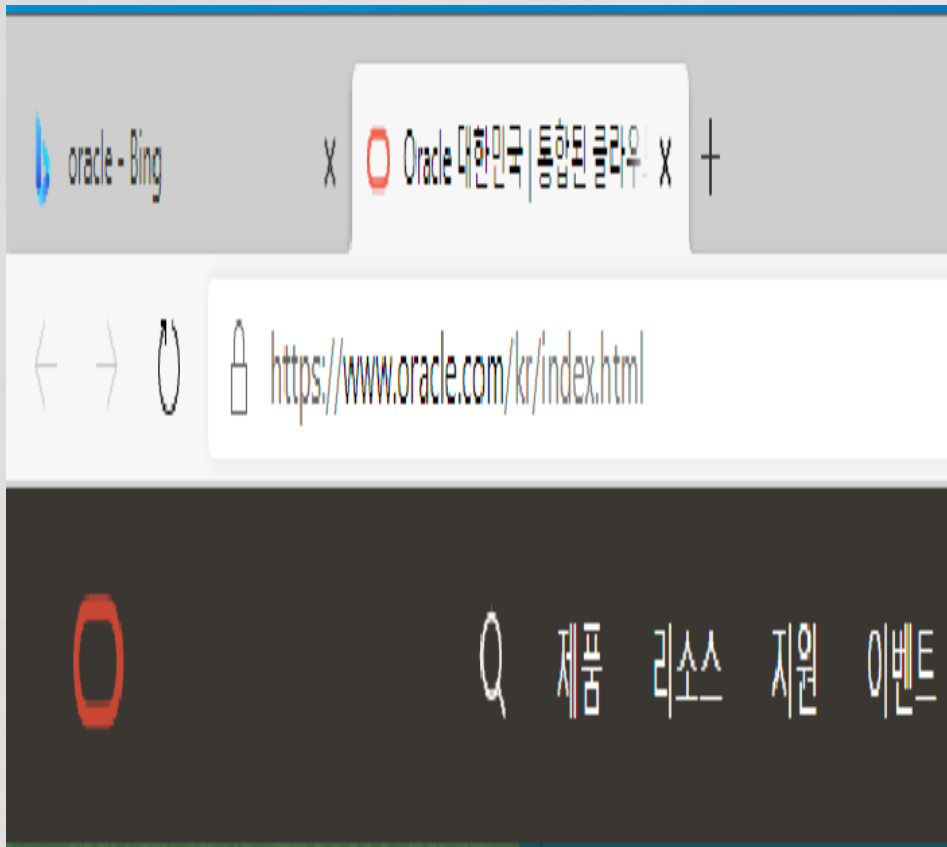
김은표

# 목차

- ◉ JDK 설치
- ◉ Eclipse 다운로드 및 설치
- ◉ Workspace 설정
- ◉ “HelloWorld” 출력

# 1. Java 설치

1.오라클 접속 - <https://www.oracle.com/kr/index.html>



# 1. Java 설치

## 2. Java 클릭



### 전 세계에서 가장 인기 있는 첨단 개발 플랫폼

Java SE는 비용을 줄이고 개발 시간을 단축하며 혁신을 추진하고 Application Services를 전사 아키텍처, 재무 및 HR에 적합한 프로그래밍 언어로 향상시킵니다.

지금 Java 다운로드

지원 받기

### 제품

- Oracle Java SE Subscription

- Oracle JDK

- Oracle OpenJDK

# 1. Java 설치

## 3. Java SE 11 (LTS) 설치

### Java SE 11 (LTS)

Java SE 11.0.8 is the latest release for the Java SE 11 Platform

- [Documentation](#)
- [Installation Instructions](#)
- [Release Notes](#)
- [Oracle License](#)
  - [Binary License](#)
  - [Documentation License](#)
- [Java SE Licensing Information User Manual](#)
  - [Includes Third Party Licenses](#)
- [Certified System Configurations](#)
- [Readme](#)

Oracle JDK










JDK Download



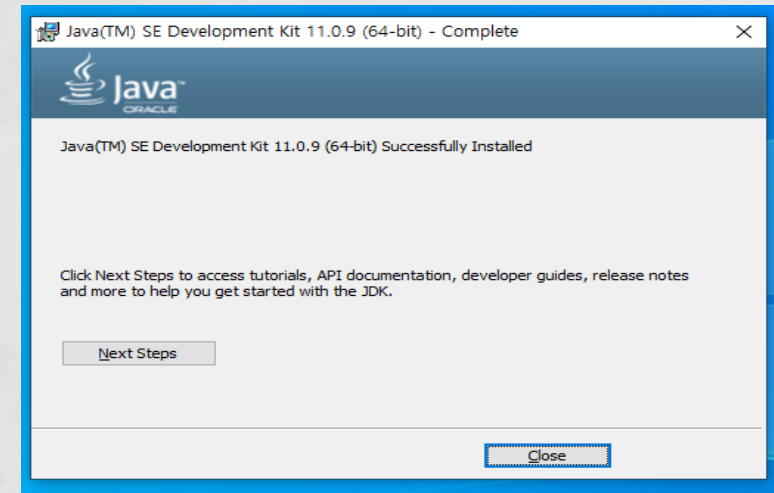
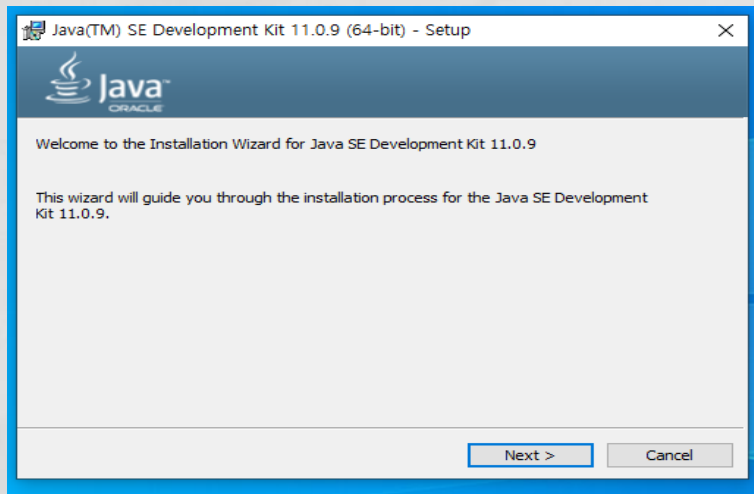
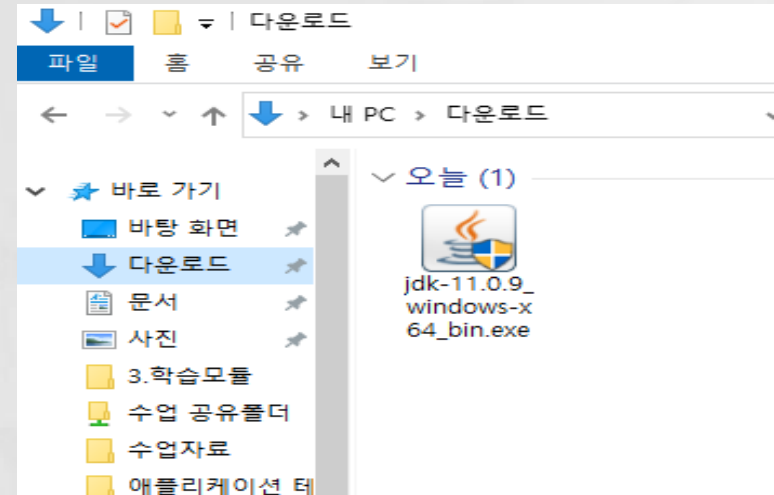
Documentation Download

## 4. Windows 버전 설치

Linux x64 RPM Package	156.01 MB	 <a href="#">jdk-11.0.9_linux-x64_bin.rpm</a>
Linux x64 Compressed Archive	173.2 MB	 <a href="#">jdk-11.0.9_linux-x64_bin.tar.gz</a>
macOS Installer	166.82 MB	 <a href="#">jdk-11.0.9_osx-x64_bin.dmg</a>
macOS Compressed Archive	167.21 MB	 <a href="#">jdk-11.0.9_osx-x64_bin.tar.gz</a>
Solaris SPARC Compressed Archive	187.0 MB	 <a href="#">jdk-11.0.9_solaris-sparcv9_bin.tar.gz</a>
Windows x64 Installer	152.1 MB	 <a href="#">jdk-11.0.9_windows-x64_bin.exe</a>
Windows x64 Compressed Archive	171.44 MB	 <a href="#">jdk-11.0.9_windows-x64_bin.zip</a>

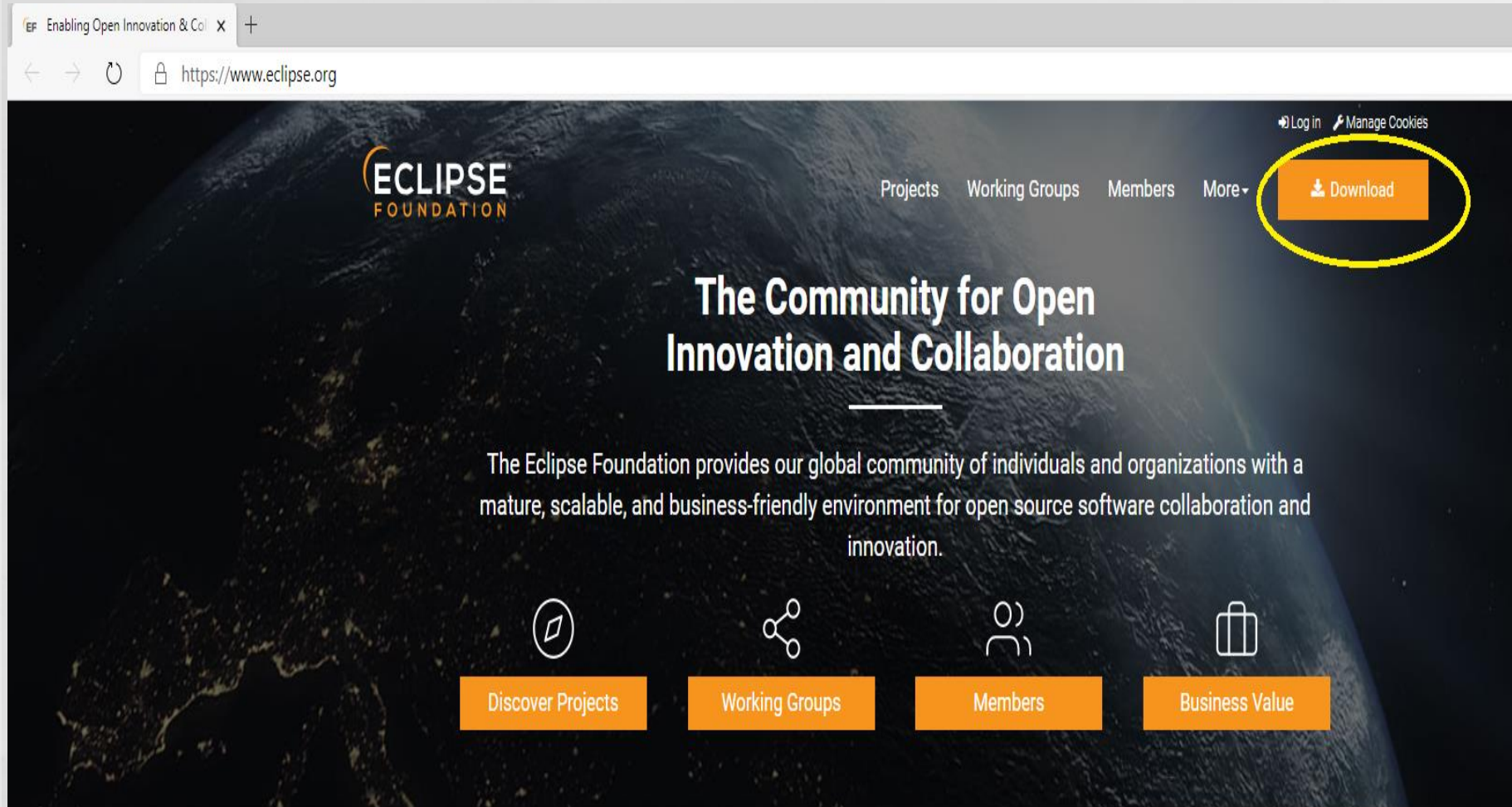
# 1. Java 설치

## 5. 설치하기



## 2.Eclipses 설치

- 1.이클립스접속 - <https://www.eclipse.org/>
- 2.다운로드 클릭



## 2.Eclipses 설치

### 3.Download Packages 클릭

The Eclipse Installer 2020-09 R now includes a JRE for macOS, Windows and Linux.



Get **Eclipse IDE 2020-09**

Install your favorite desktop IDE packages.

[Download Packages](#) [Need Help?](#)

Tool Platforms



Eclipse Che

Eclipse Che is a developer workspace server and cloud IDE.



A modern, open source software development environment that runs in the cloud.



## 2.Eclipses 설치

### 3. Eclipse IDE for Enterprise Java Developers - Windows x86\_64 설치 (pc사양에 맞게 설치한다.)

#### Eclipse IDE 2020-09 R Packages



##### Eclipse IDE for Java Developers

197 MB 992,835 DOWNLOADS

The essential tools for any Java developer, including a Java IDE, a Git client, XML Editor, Maven and Gradle integration



Windows x86\_64  
macOS x86\_64  
Linux x86\_64

##### Eclipse IDE for Enterprise Java Developers

382 MB 560,674 DOWNLOADS

Tools for developers working with Java and Web applications, including a Java IDE, Tools for Web Services, JPA and Data Tools, JavaServer Pages and Faces, Mylyn, Maven and Gradle, Git, and more.

[Click here](#) to file a bug against Eclipse Web Tools Platform.

[Click here](#) to file a bug against Eclipse Platform.

[Click here](#) to file a bug against Maven integration for web projects.

[Click here](#) to report an issue against Eclipse Wild Web Developer (incubating).



Windows x86\_64  
macOS x86\_64  
Linux x86\_64



##### Eclipse IDE for C/C++ Developers

308 MB 559,272 DOWNLOADS

An IDE for C/C++ developers.



Windows x86\_64  
macOS x86\_64  
Linux x86\_64

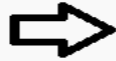
## 2.Eclipses 설치

### 4. [>> Select Another Mirror](#) 클릭

 Download

Download from: China - Dalian Neusoft University of Information (大连东软信息学院) (https)

File: [eclipse-jee-2020-09-R-win32-x86\\_64.zip](#) SHA-512



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### 5. [Korea, Republic Of - Harukasan](#) 클릭

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China - Beijing Institute of Technology

Korea, Republic Of - Pukyong National University

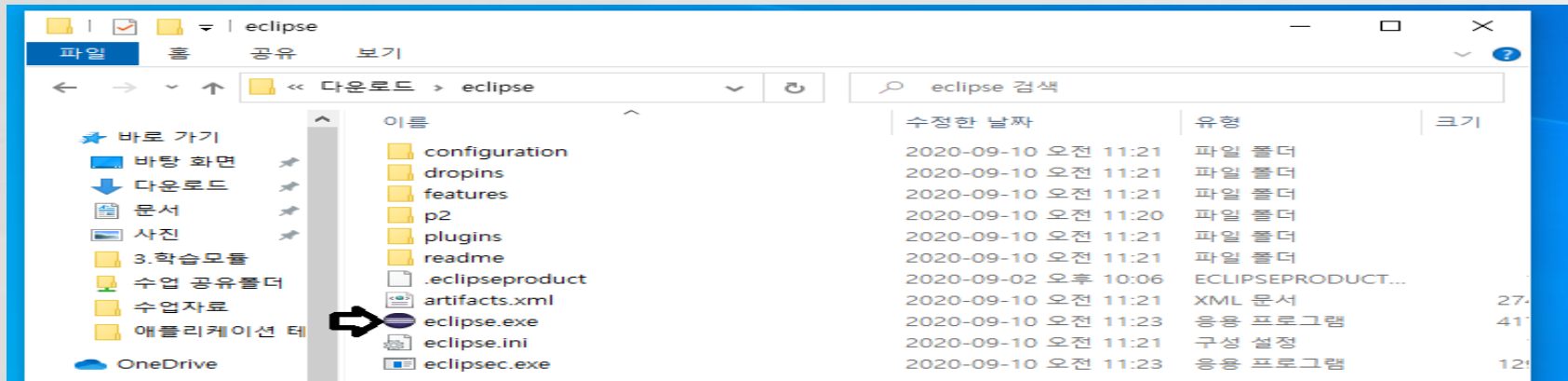
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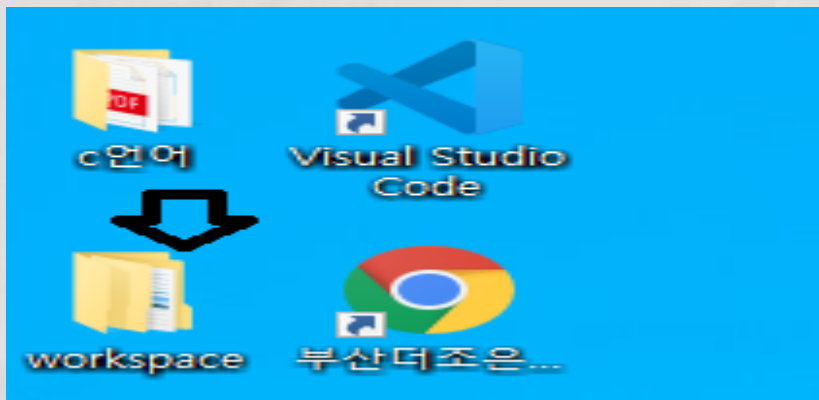
Canada - Main eclipse.org downloads area

## 2.Eclipses 설치

### 6.이클립스 설치

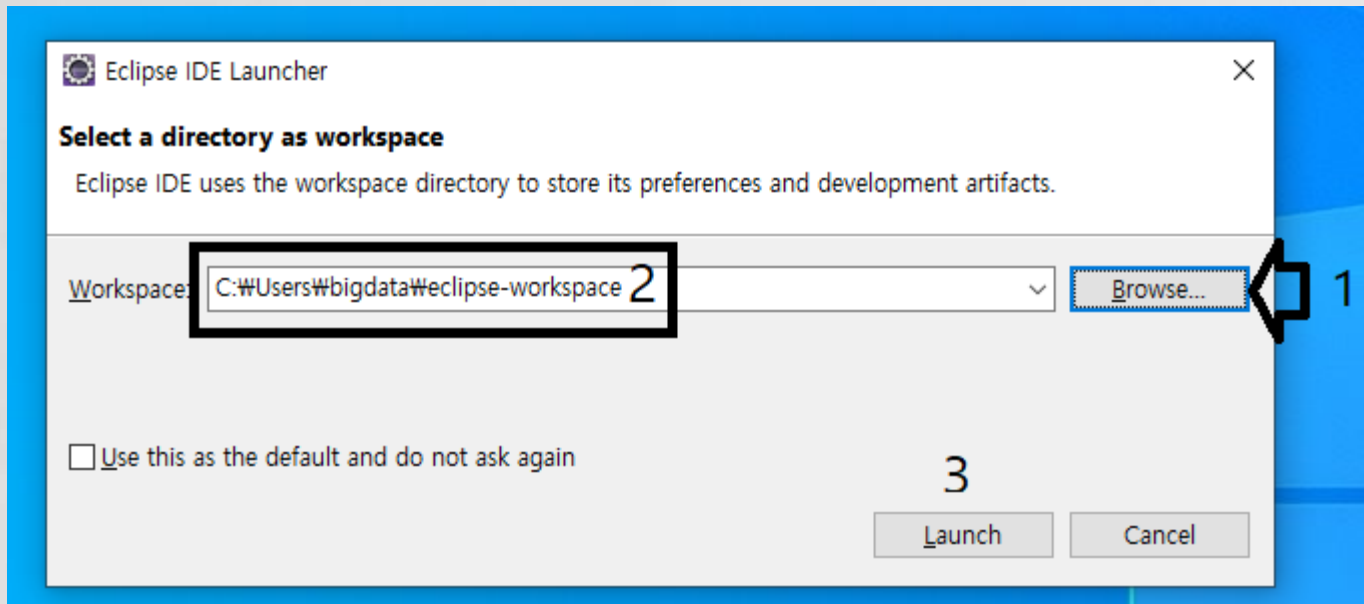


### 7.바탕화면에 Workspace 폴더 만들기



# 3. Workspace 설정

## 8. Browse 설정

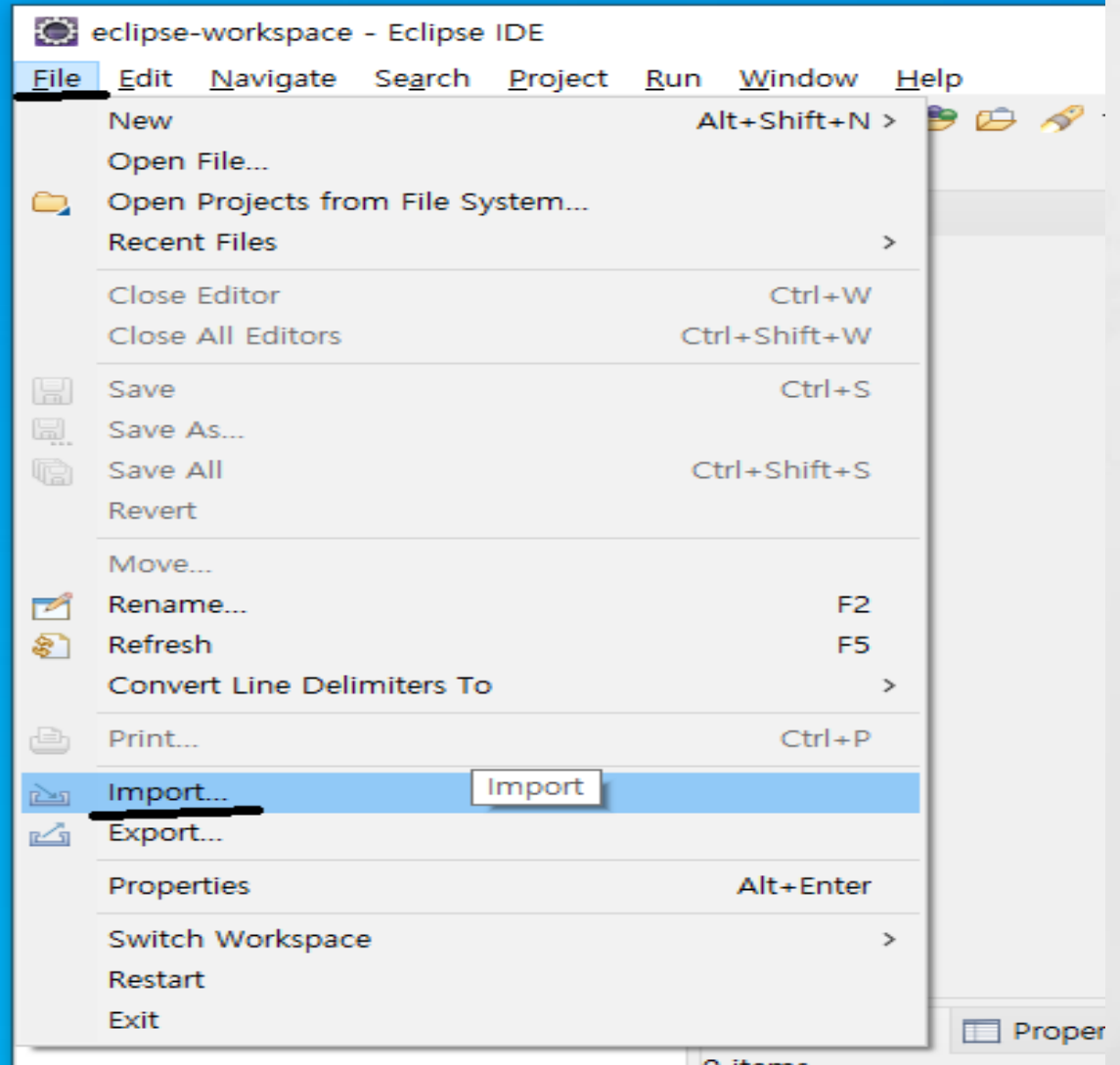


# 3. Workspace 설정

## 9. Eclipse 실행

- ① File 클릭
- ② Input 클릭

1

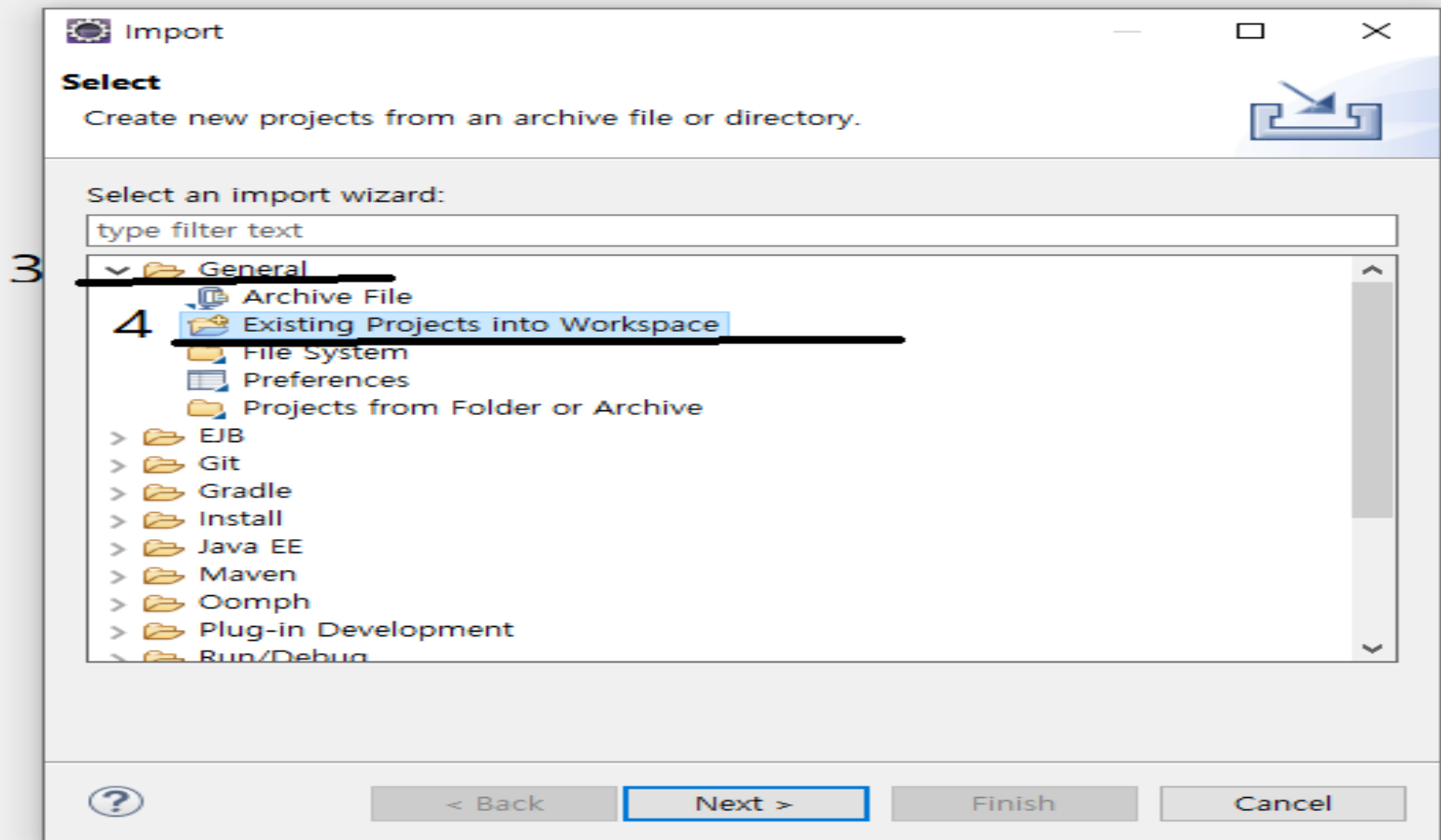


# 3. Workspace 설정

## 9. Eclipse 실행

③ General 클릭

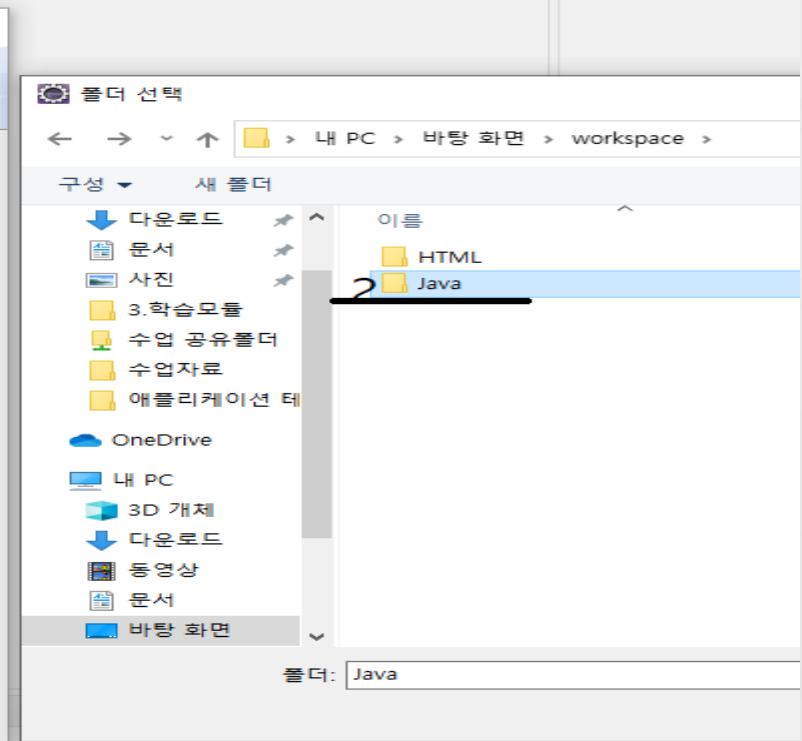
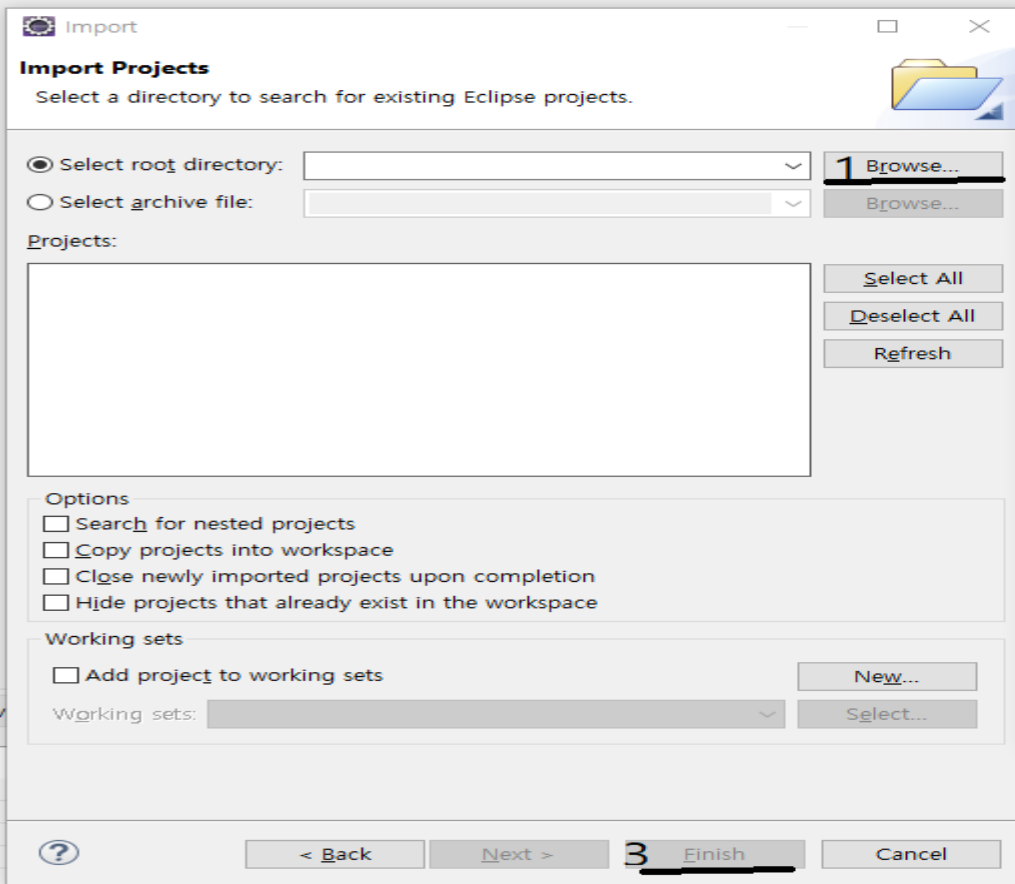
④ Existing Projects into Workspace 클릭



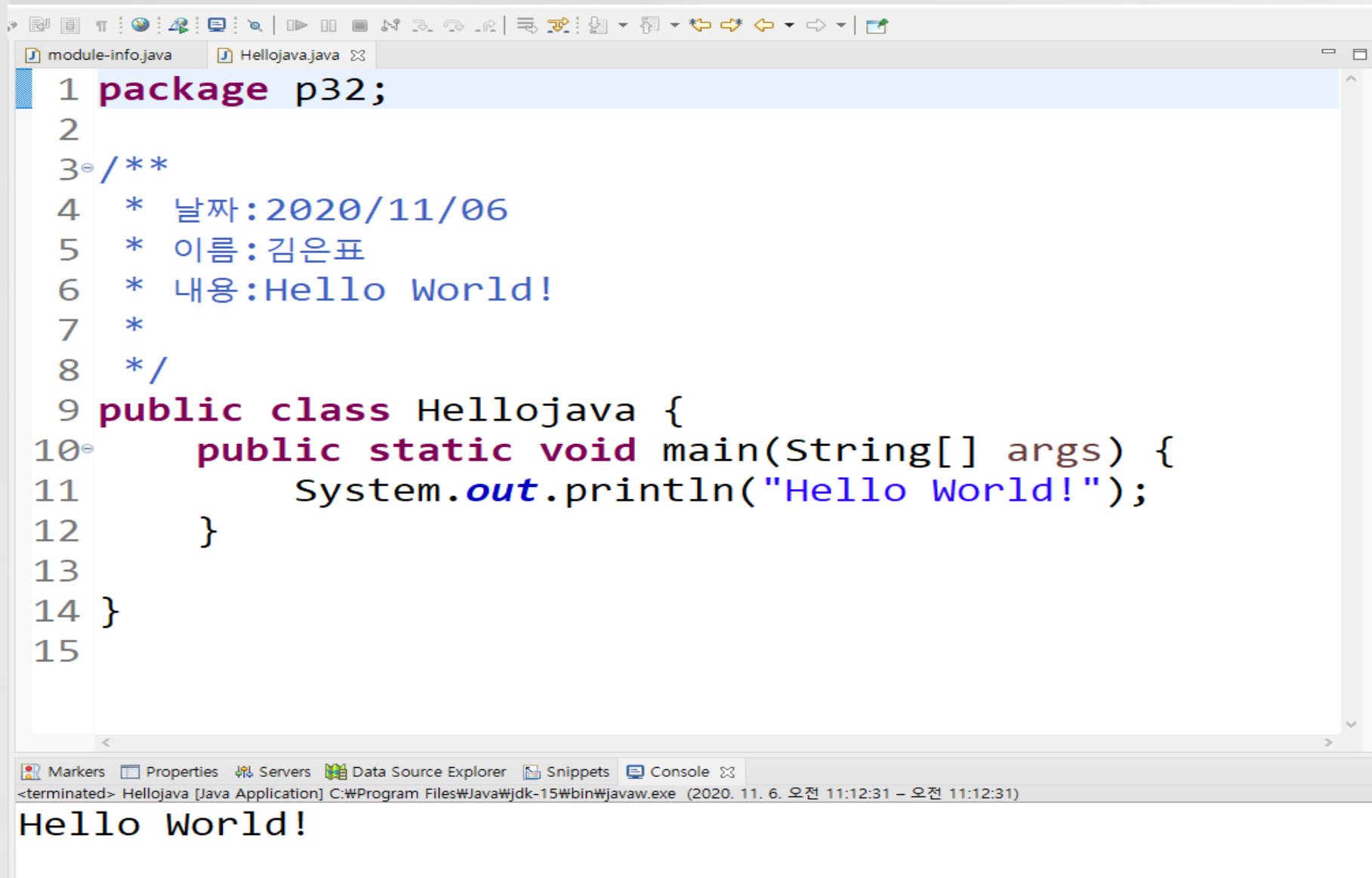
# 3. Workspace 설정

## 10. Eclipse 실행

- ① Browse 클릭
- ② Java 폴더 클릭
- ③ Finish 클릭



## 4. “HelloWorld” 출력



The image shows a screenshot of an IDE window with two tabs: 'module-info.java' and 'Hellojava.java'. The 'Hellojava.java' tab is active, displaying the following Java code:

```
1 package p32;  
2  
3 /**  
4  * 날짜:2020/11/06  
5  * 이름:김은표  
6  * 내용:Hello World!  
7  *  
8  */  
9 public class Hellojava {  
10     public static void main(String[] args) {  
11         System.out.println("Hello World!");  
12     }  
13  
14 }  
15
```

Below the code editor, the IDE's interface includes tabs for 'Markers', 'Properties', 'Servers', 'Data Source Explorer', 'Snippets', and 'Console'. The 'Console' tab is active, showing the output of the program:

```
<terminated> Hellojava [Java Application] C:\Program Files\Java\jdk-15\bin\javaw.exe (2020. 11. 6. 오전 11:12:31 - 오전 11:12:31)  
Hello World!
```