

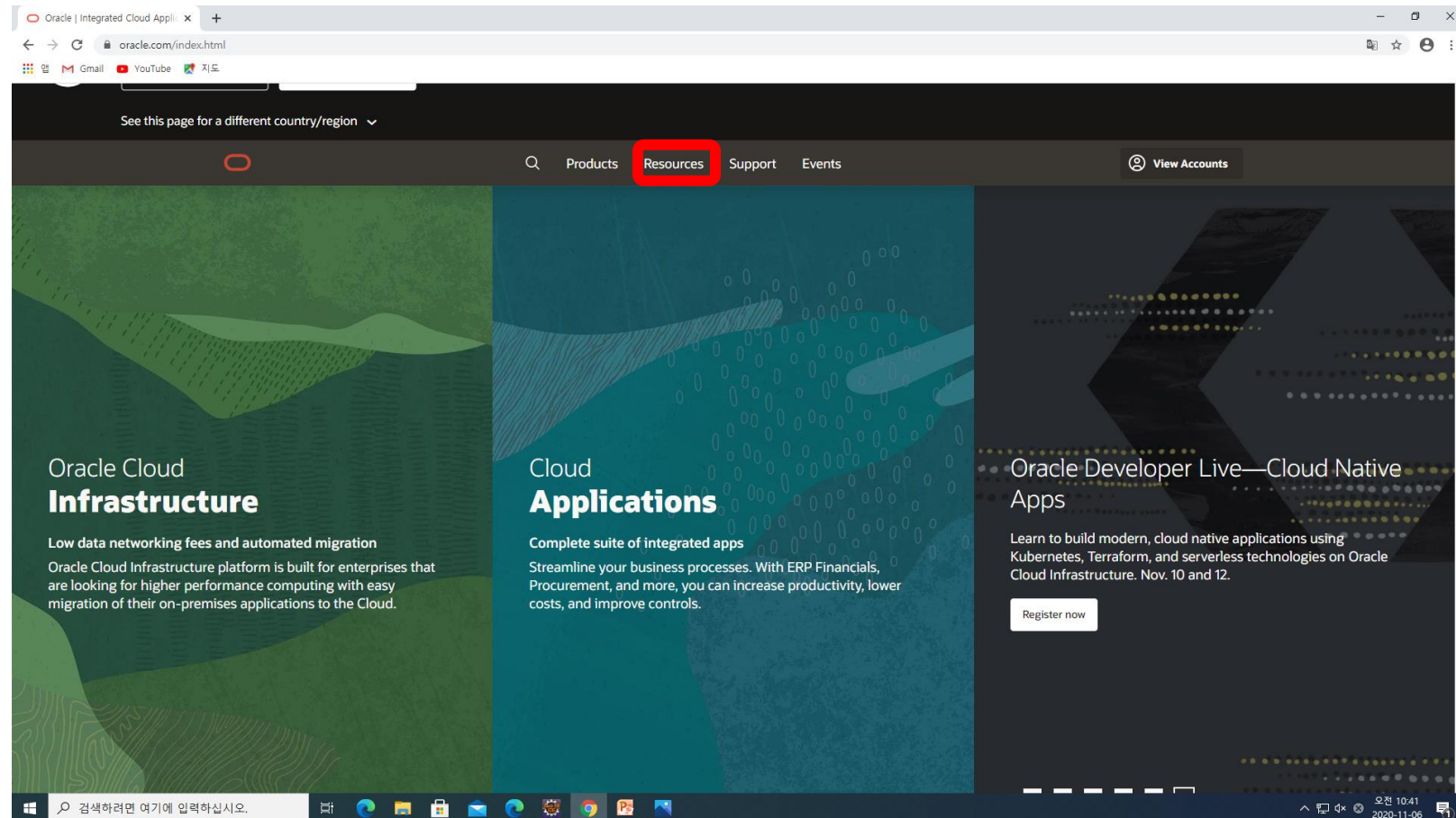
# 프로그래밍 언어활용

1. *JDK 설치*
2. *Eclipse 다운로드/설치 및 Workspace 설정*
3. *“HelloWorld” 출력*

# 1. JDK 설치

1) [http:// www.oracle.com/](http://www.oracle.com/) 접속

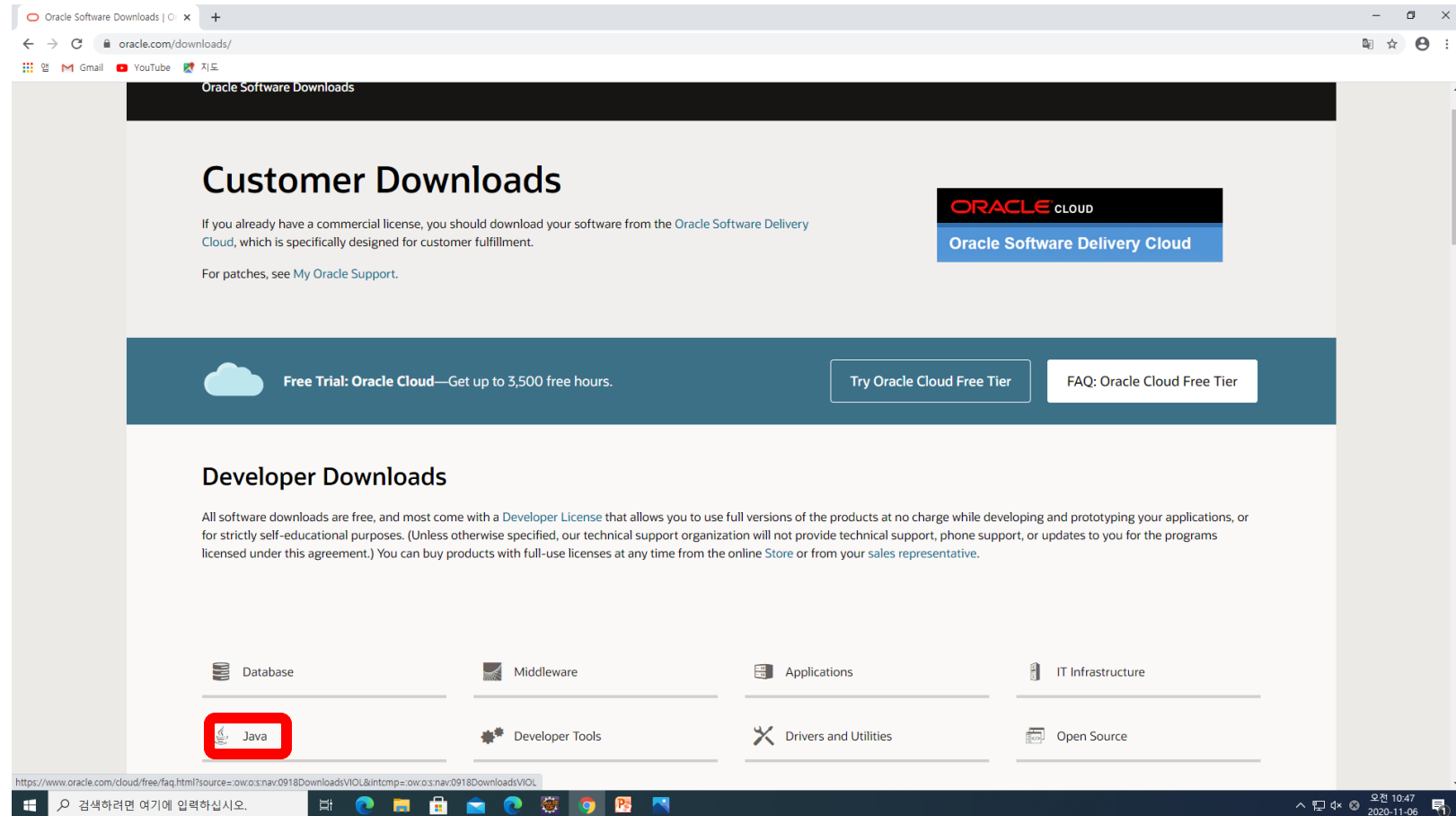
2) 상단 Resources 클릭



# 1. JDK 설치

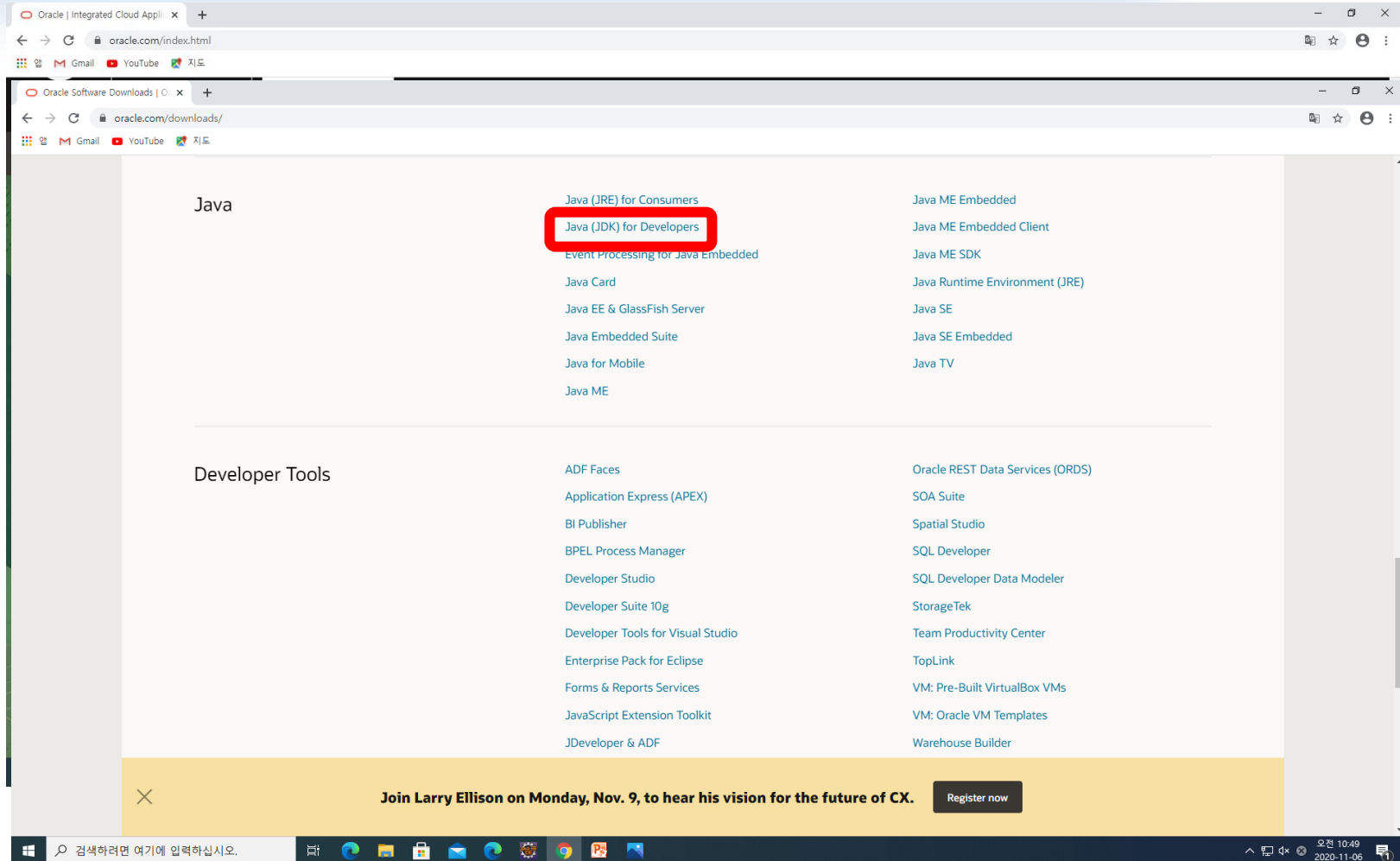
1) 하위 Software Downloads 클릭

2) Java 클릭



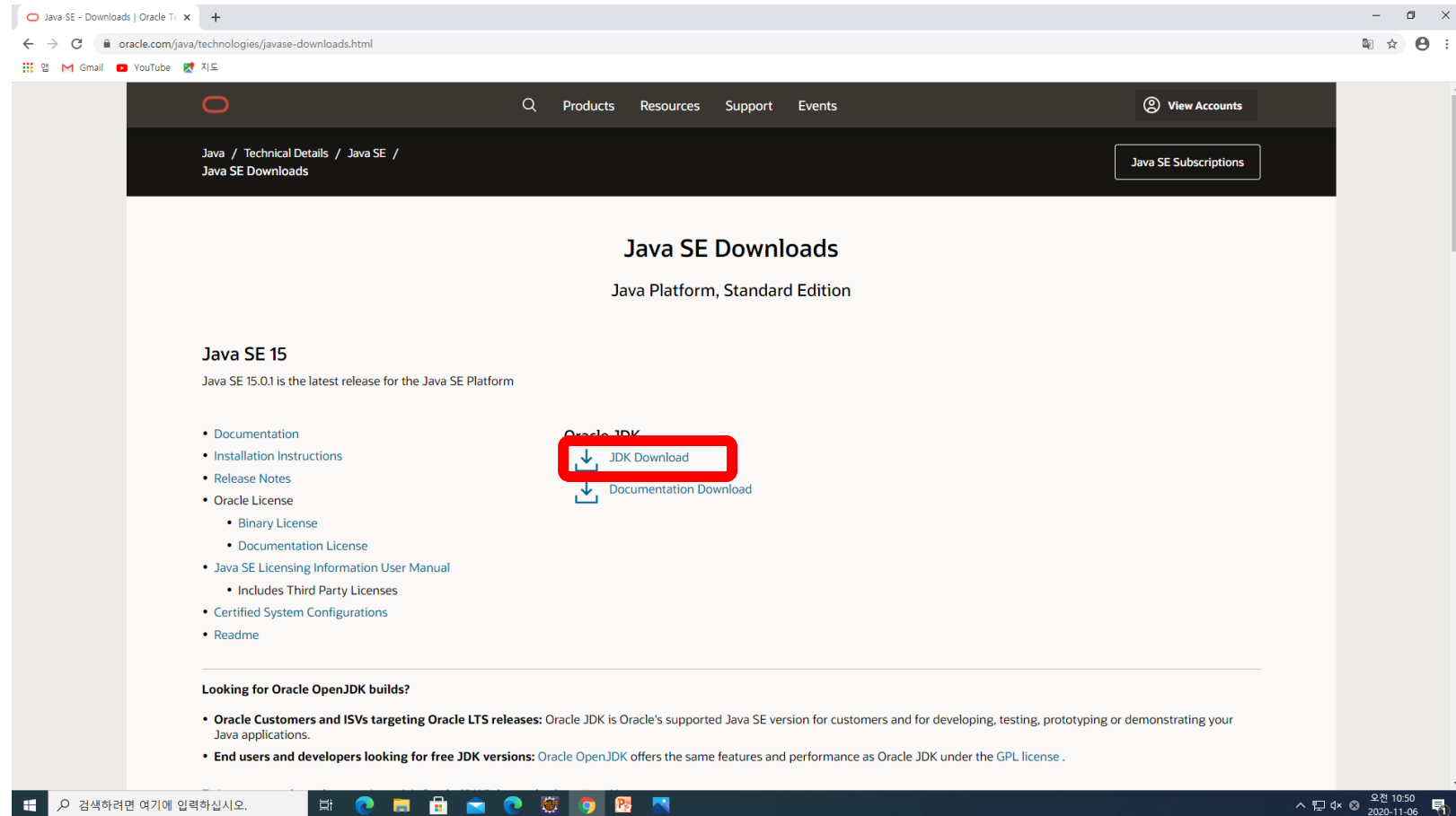
# 1. JDK 설치

- JDK 클릭



# 1. JDK 설치

## - Java SE 15버전 JDK Downloads



# 1. JDK 설치

- Window x 64 Installer 다운

The screenshot shows the Oracle Java SE Development Kit 15 download page. The browser address bar shows the URL: <https://www.oracle.com/java/technologies/javase-jdk15-downloads.html>. The page contains a table with the following data:

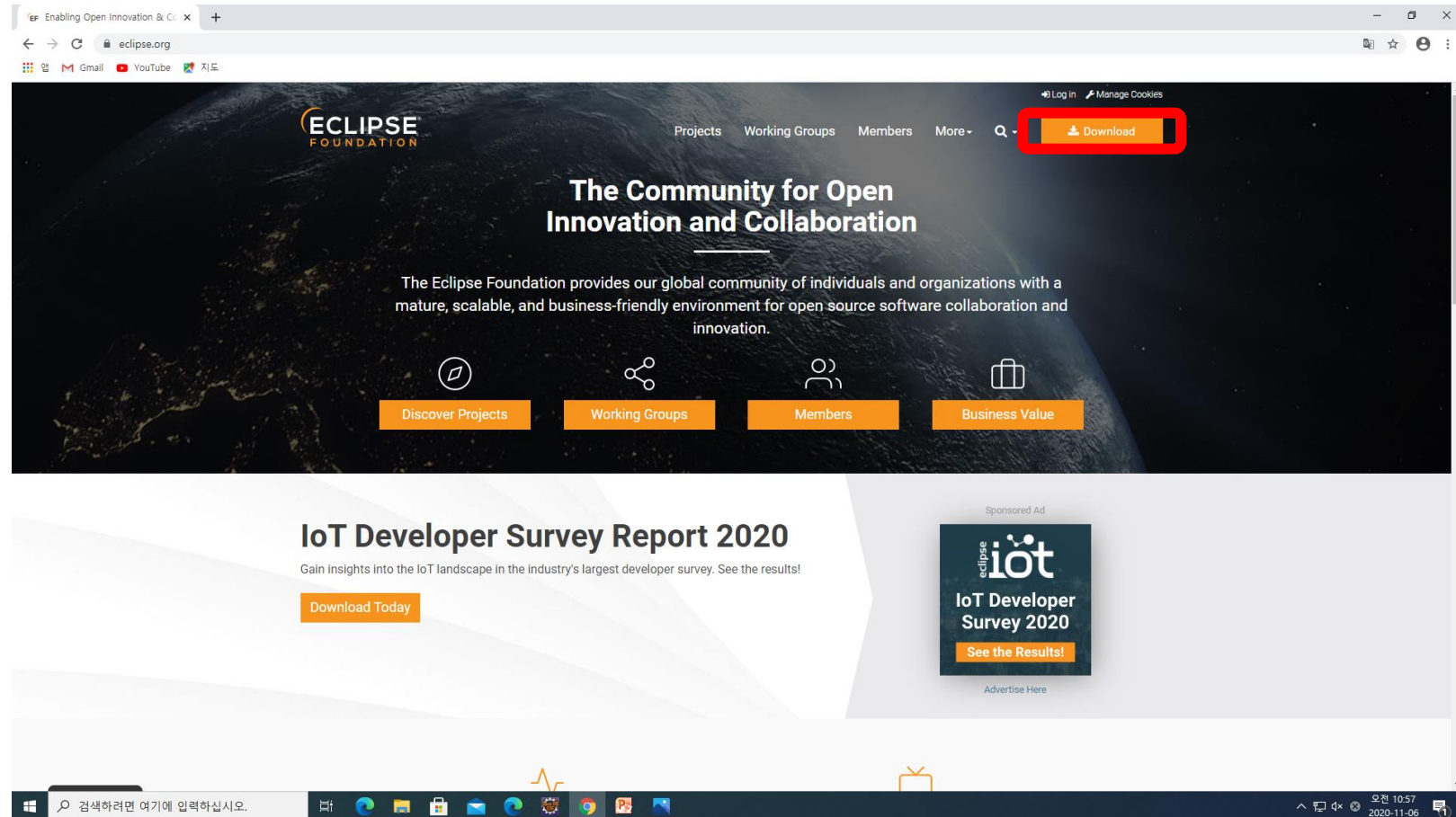
Product / File Description	File Size	Download
Linux ARM 64 RPM Package	141.81 MB	<a href="#">jdk-15.0.1_linux-aarch64_bin.rpm</a>
Linux ARM 64 Compressed Archive	157.01 MB	<a href="#">jdk-15.0.1_linux-aarch64_bin.tar.gz</a>
Linux x64 Debian Package	154.79 MB	<a href="#">jdk-15.0.1_linux-x64_bin.deb</a>
Linux x64 RPM Package	162.02 MB	<a href="#">jdk-15.0.1_linux-x64_bin.rpm</a>
Linux x64 Compressed Archive	179.33 MB	<a href="#">jdk-15.0.1_linux-x64_bin.tar.gz</a>
macOS Installer	175.94 MB	<a href="#">jdk-15.0.1_osx-x64_bin.dmg</a>
macOS Compressed Archive	176.53 MB	<a href="#">jdk-15.0.1_osx-x64_bin.tar.gz</a>
Windows x64 Installer	159.69 MB	<a href="#">jdk-15.0.1_windows-x64_bin.exe</a>
Windows x64 Compressed Archive	179.27 MB	<a href="#">jdk-15.0.1_windows-x64_bin.zip</a>

The download link for the Windows x64 Installer, [jdk-15.0.1\\_windows-x64\\_bin.exe](#), is highlighted with a red box. At the bottom of the page, there is a banner for the Oracle CX event: "Join Larry Ellison on Monday, Nov. 9, to hear his vision for the future of CX." with a "Register now" button.

## 2. Eclipse 다운로드/설치 및 Workspace 설정

1) [http:// www.eclipse.org/](http://www.eclipse.org/) 접속

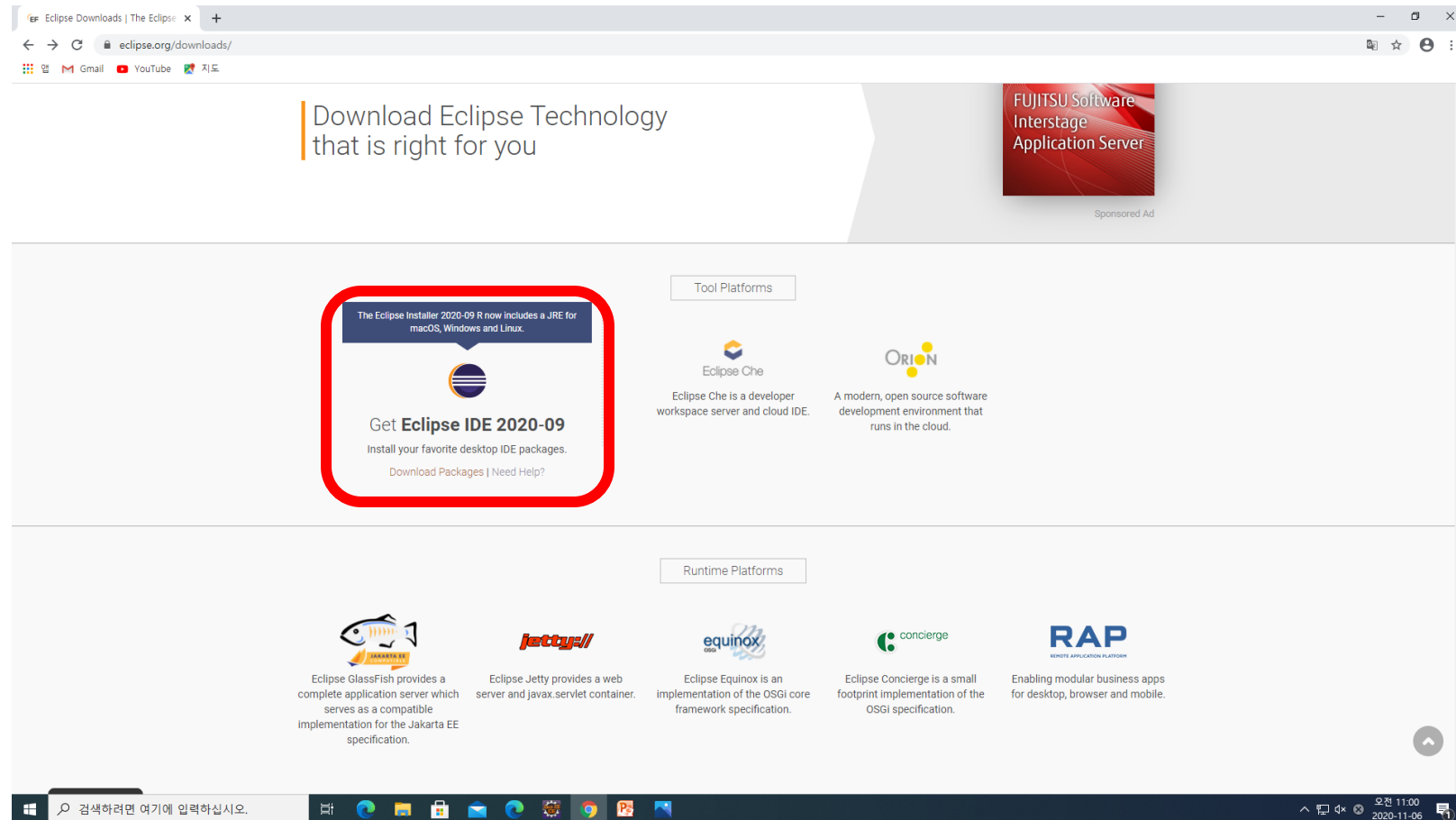
2) 상단 Download 클릭





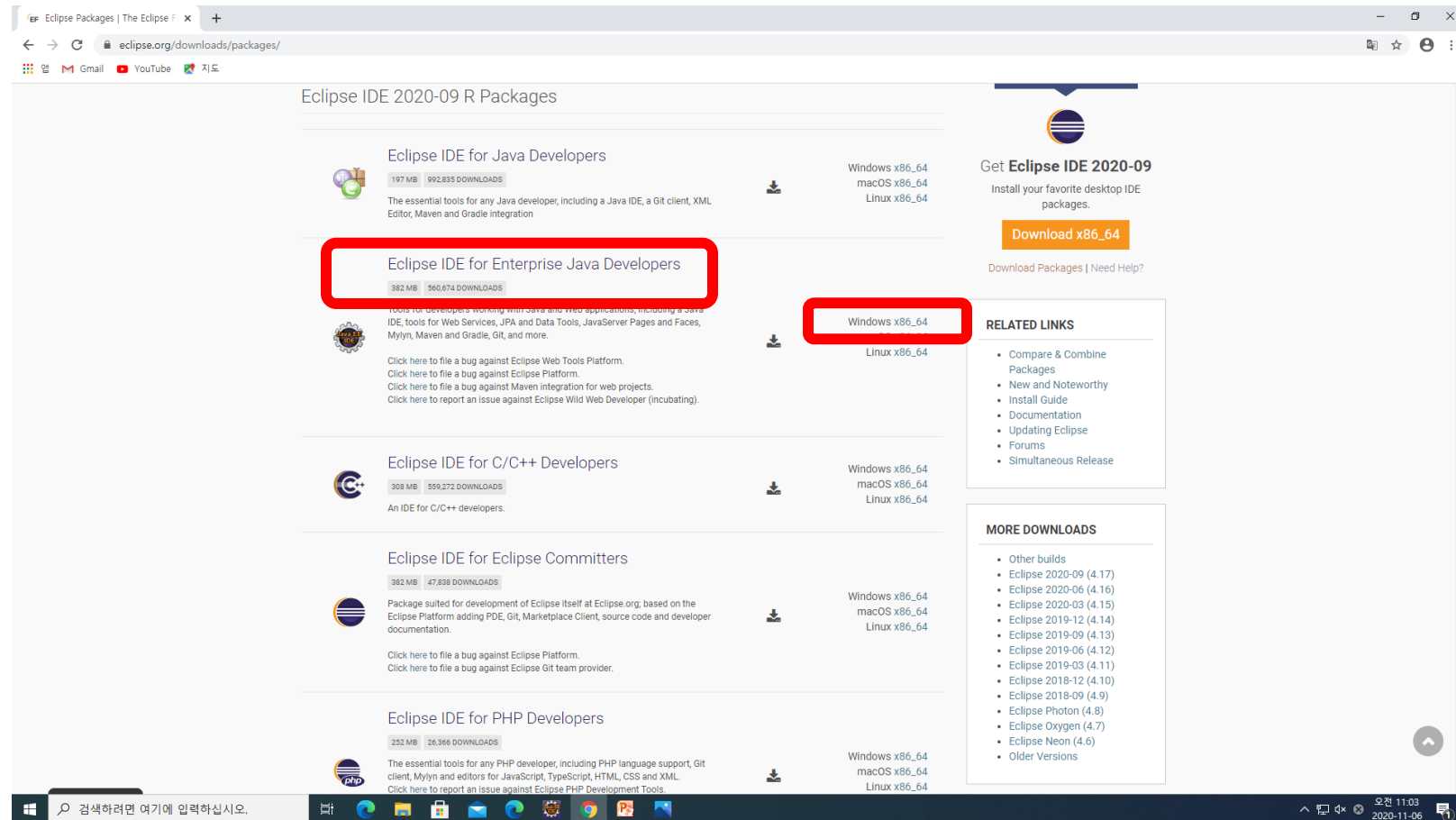
## 2. Eclipse 다운로드/설치 및 Workspace 설정

- Get Eclipse IDE 2020-09의  
Download packages 클릭



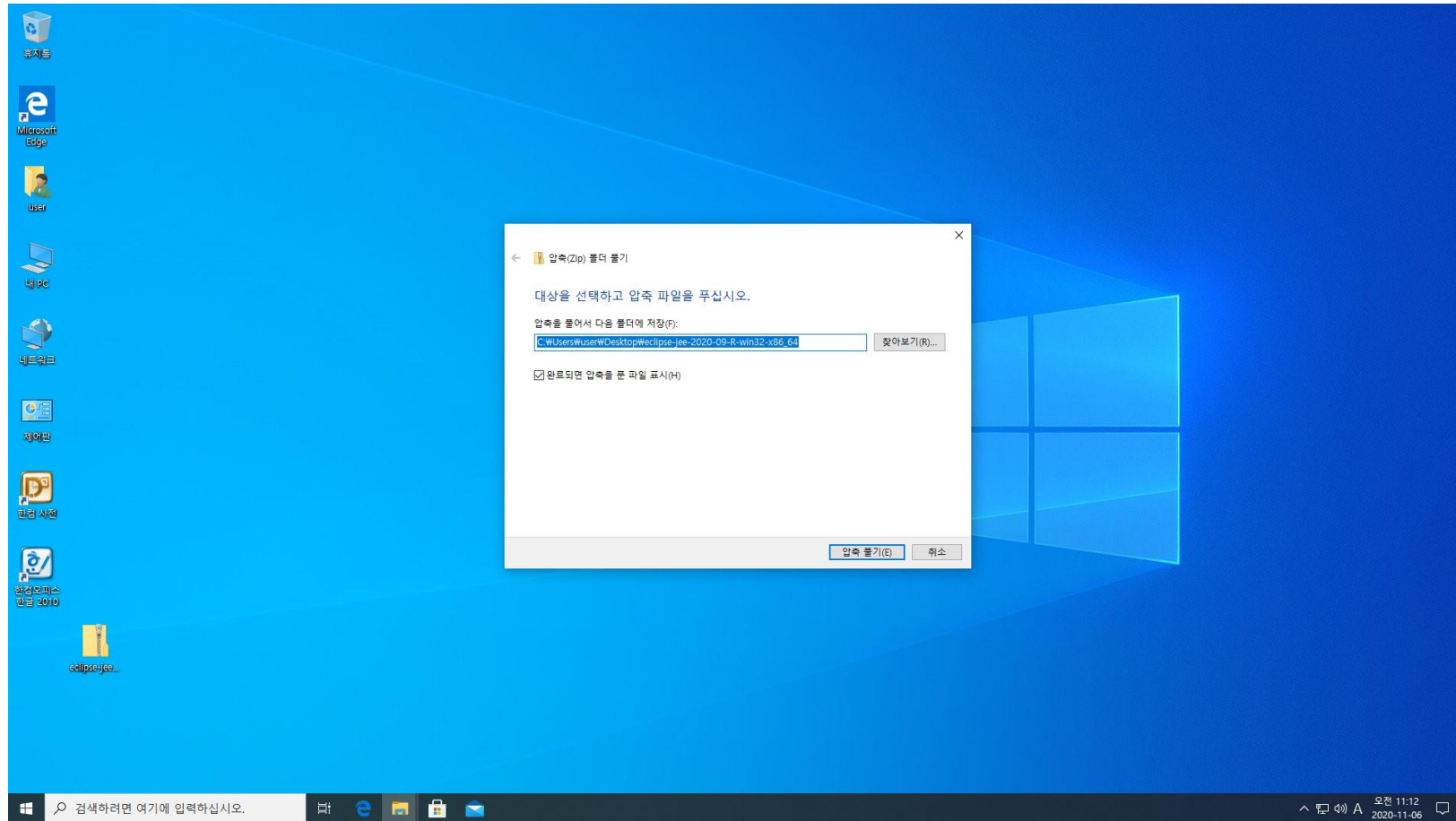
## 2. Eclipse 다운로드/설치 및 Workspace 설정

- Enterprise Java Developer의  
windows x 86\_64 다운



## 2. Eclipse 다운로드/설치 및 Workspace 설정

- C드라이브에 java 폴더 생성 후  
압축해제 하고 eclipse 실행

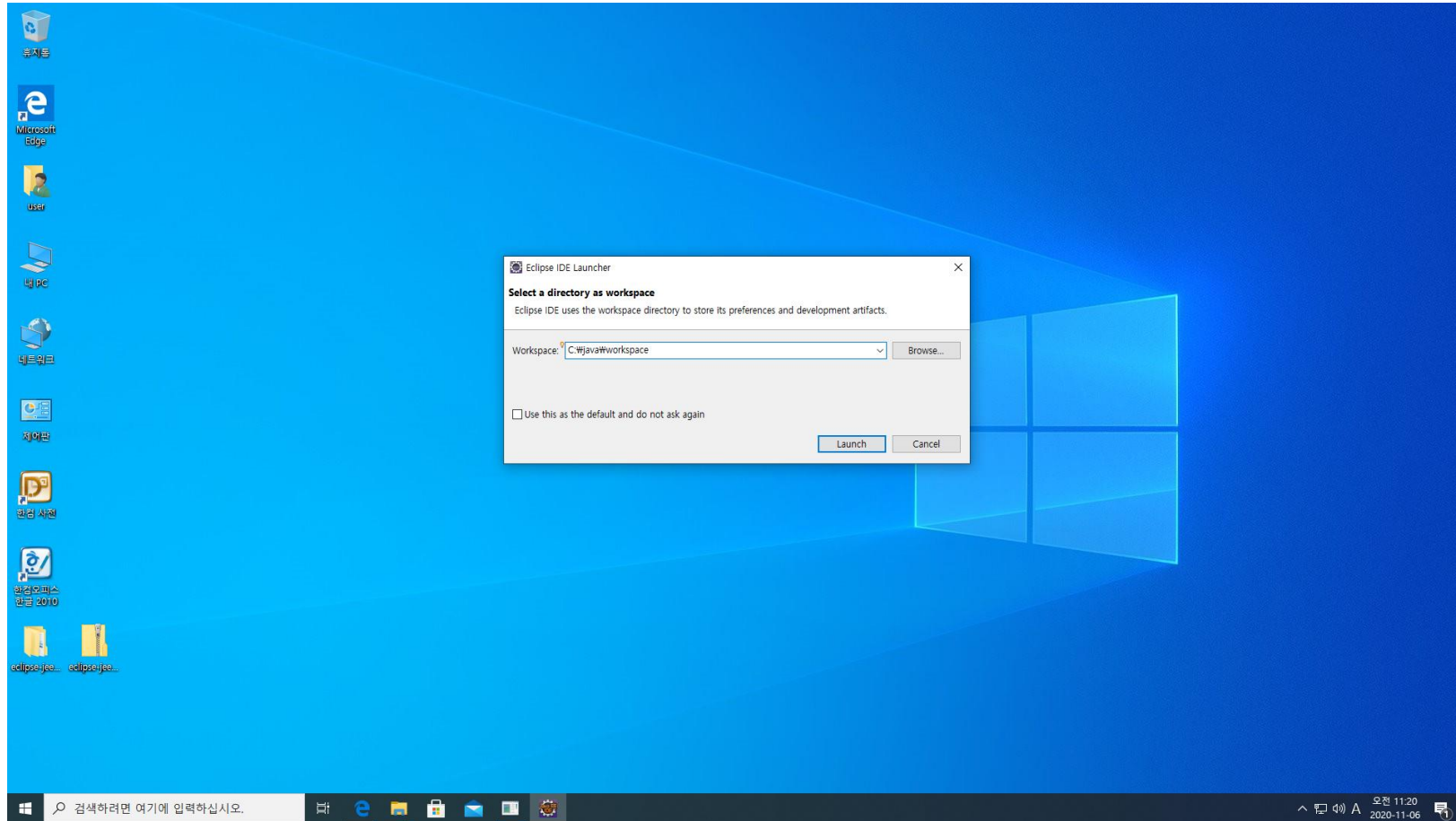


## 2. Eclipse 다운로드/설치 및 Workspace 설정

- Eclipse가 실행되면

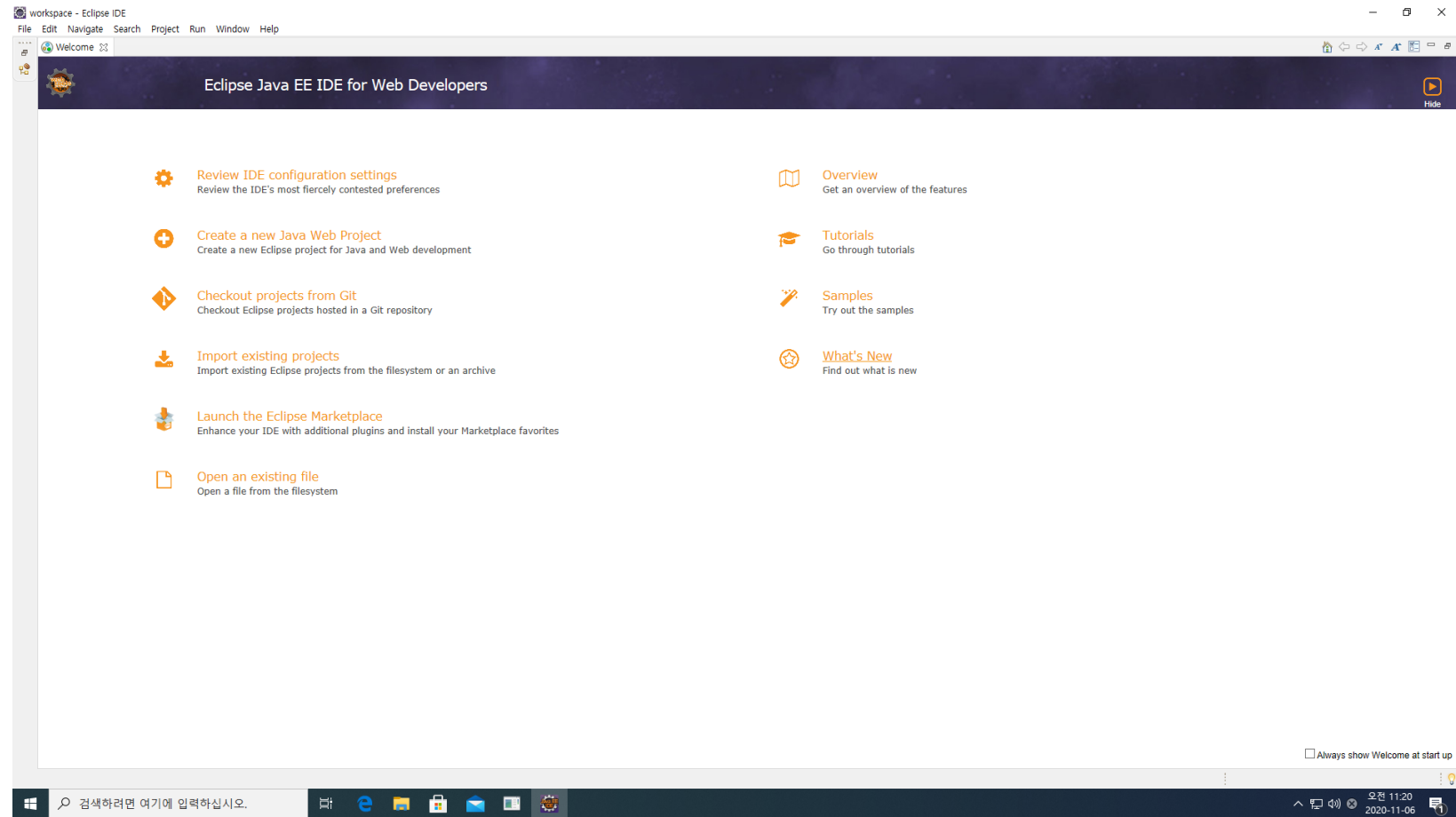
c:\java\workspace 입력하고

launch 클릭



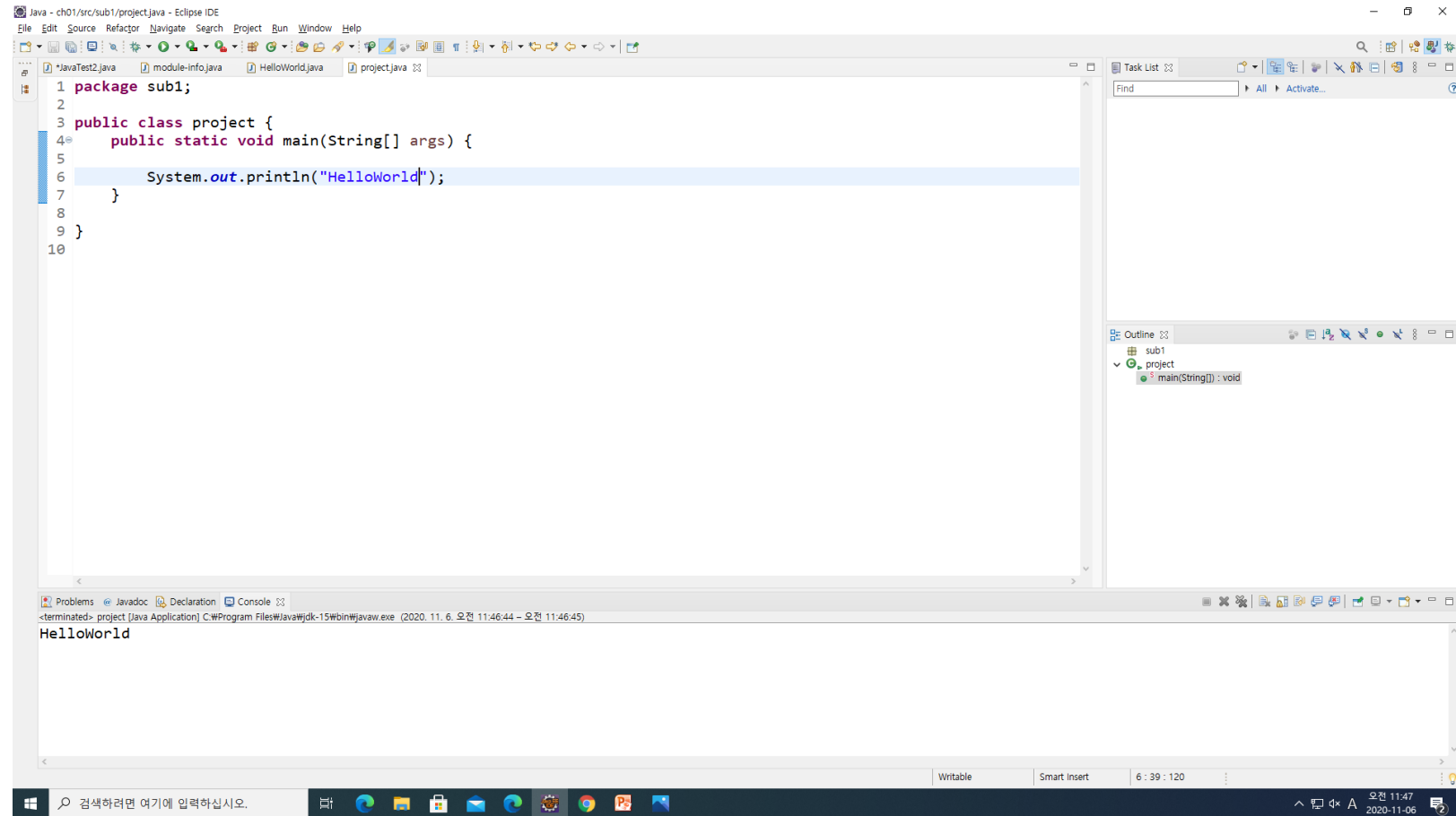
## 2. Eclipse 다운로드/설치 및 Workspace 설정

- 설치 완료



### 3. “HelloWorld” 출력

- “HelloWorld” 출력



The screenshot shows the Eclipse IDE interface. The main editor window displays the following Java code:

```
1 package sub1;  
2  
3 public class project {  
4     public static void main(String[] args) {  
5  
6         System.out.println("HelloWorld");  
7     }  
8 }  
9  
10
```

The code is saved in a file named `project.java` within the package `sub1`. The right-hand side of the IDE shows the **Task List** and **Outline** views. The **Outline** view shows the project structure with the `main(String[]) : void` method highlighted.

The bottom of the IDE shows the **Console** view, which displays the output of the program:

```
<terminated> project [Java Application] C:\Program Files\Java\jdk-15\bin\javaw.exe (2020. 11. 6. 오전 11:46:44 - 오전 11:46:45)  
HelloWorld
```

The Windows taskbar at the bottom shows the system clock as 11:47 AM on 2020-11-06.

**감사합니다**