Use of Popular IDE for Java Eclipse, NetBeans, VS Code, IntelliJ, TextPad

Lecture 3 2022, Spring

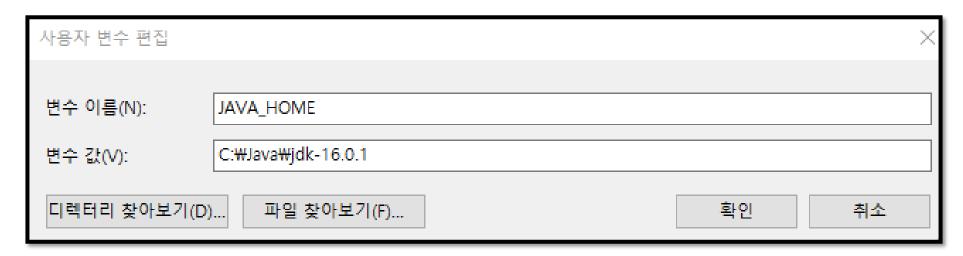
https://www.oracle.com/java/technologies/downloads/#jdk17-windows

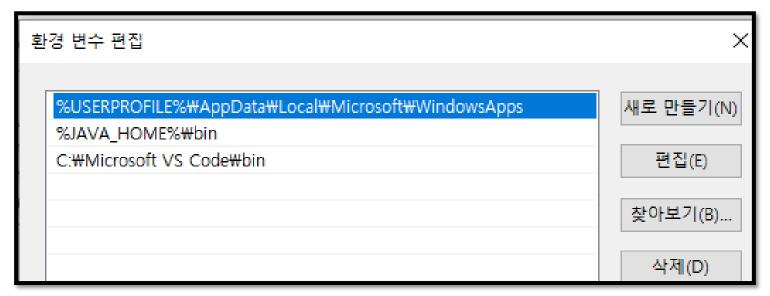
components using the sava programming language.

The JDK includes tools for developing and testing programs written in the Java programming language and r

Linux macOS Windows

Product/file description	File size	Download
x64 Compressed Archive	171.34 MB	https://download.oracle.com/ja
x64 Installer	152.43 MB	https://download.oracle.com/ja
x64 MSI Installer	151.32 MB	https://download.oracle.com/ja





https://www.java.com/en/download/help/mac_install.html



HELP RESOURCES

- Installing Java
- Remove Older Versions
- Disable Java
- Using Java
- General Questions
- Mobile Java
- Security
- Support Options

How do I install Java for my Mac?

This article applies to:

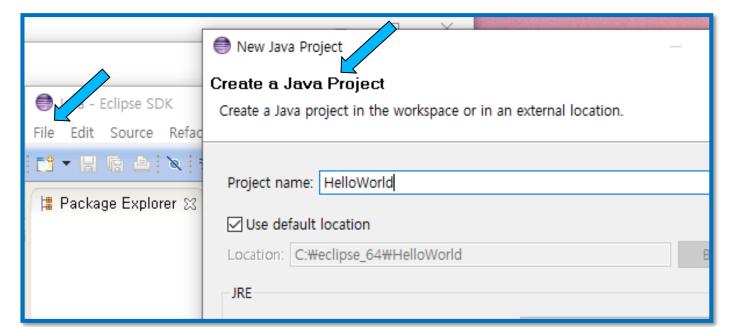
- Platform(s): Mac OS X, macOS
- Java version(s): 8.0

Mac System Requirements for Oracle Java 7 and later version

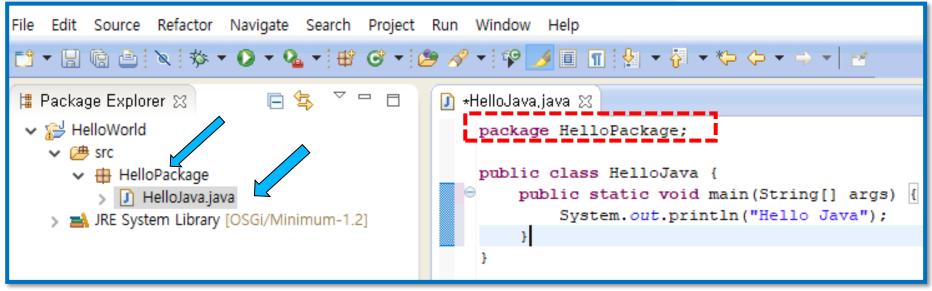
- · Intel-based Mac running versions 10.7.3 and above
- Administrator privileges
- A 64 bit browcor (o.a. Safari)

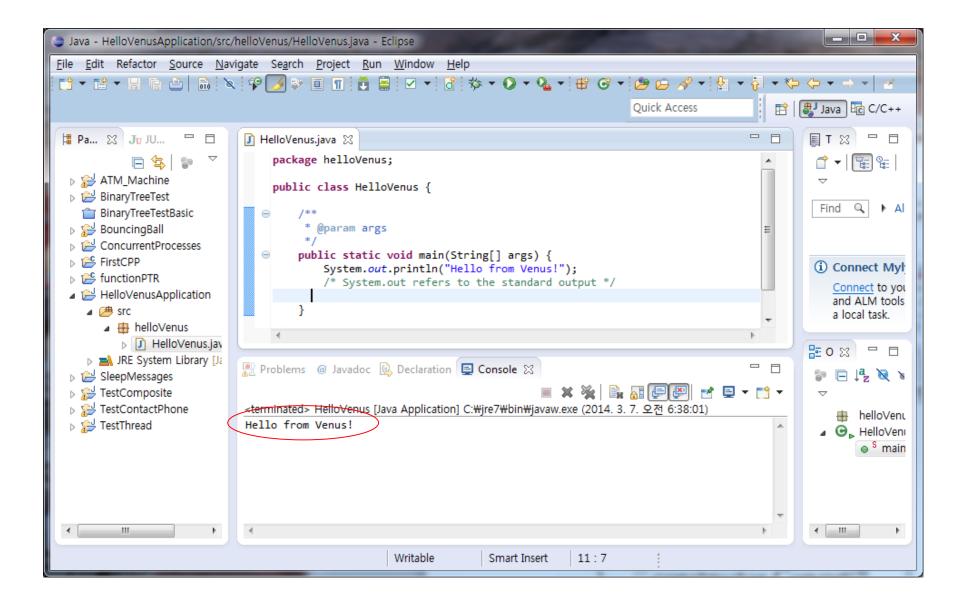
```
C:\Users\user>java -version
java version "16.0.1" 2021-04-20
Java(TM) SE Runtime Environment (build 16.0.1+9-24)
Java HotSpot(TM) 64-Bit Server VM (build 16.0.1+9-24, mixed mode, sharing)
C:\Users\user>javac
Usage: javac <options> <source files>
where possible options include:
```

```
C:\Users\user>java
Usage: java [options] <mainclass> [args...]
(to execute a class)
or java [options] -jar <jarfile> [args...]
(to execute a jar file)
```



Eclipse IDE





```
WorkSpace - YukiChainExample/src/chain/Main.java - Eclipse IDE
                                                                                                                                 П
                                                                                                                                      \times
File Edit Source Refactor Navigate Search Project Run Window Help

☐ Package Explorer 
☐

                                   1 package chain;
                    § 8
믊
      AccessTest
                                     3 public class Main {
    > 📂 Adaptor
                                           public static void main(String[] args) {
      AggregationEx
                                               Support alice
                                                               = new NoSupport("Alice");
                                                              = new LimitSupport("Bob", 100);
      ClassExample
                                               Support bob
                                               Support charlie = new SpecialSupport("Charlie", 429);
    > 📂 CompositionEx
                                               Support diana
                                                               = new LimitSupport("Diana", 200);
    > 📂 ExTest
                                                              = new OddSupport("Elmo");
                                     9
                                               Support elmo
    > 📂 Hybrid
                                               Support fred
                                                               = new LimitSupport("Fred", 300);
                                    10
      Hybrid2
                                    11
                                               alice.setNext(bob).setNext(charlie).setNext(diana).setNext(elmo).setNext(fred);
    > 📂 Hybrid3
                                    12
                                    13
    > 📂 LinkedList
                                    14
                                               for (int i = 0; i < 500; i += 33) {
    > > MultiClass
      socketPrj
    > 📂 TestChain
                                                                                                                               _ _
                                   🛂 Problems 🏿 @ Javadoc 📵 Declaration 📮 Console 💢 🙌 PlantUML 💻 Diagrams
      umlTest
                                                                                              > 📂 YukiChain
                                   <terminated> Main (1) [Java Application] C:\Program Files\Java\jre1.8.0_321\Javaw.exe (2022. 3. 4. 오후 7:15:54 – 오후 7:15:54)
    [Trouble 0] is resolved by [Bob].
      > A JRE System Library [JavaSE-1.8]
                                   [Trouble 33] is resolved by [Bob].
      [Trouble 66] is resolved by [Bob].
        [Trouble 99] is resolved by [Bob].
          J LimitSupport.java
                                   [Trouble 132] is resolved by [Diana].
          > J Main.java
                                   [Trouble 165] is resolved by [Diana].
                                   [Trouble 198] is resolved by [Diana].
          NoSupport.java
                                   [Trouble 231] is resolved by [Elmo].
          >  OddSupport.java
                                   [Trouble 264] is resolved by [Fred].
          SpecialSupport.java
                                   [Trouble 297] is resolved by [Elmo].
          > A Support.java
                                   [Trouble 330] cannot be resolved.
          > I Trouble.java
                                   [Trouble 363] is resolved by [Elmo].
                                   [Trouble 396] cannot be resolved.
             chainRes.ucls
                                   [Trouble 429] is resolved by [Charlie].
      YukiChainExampleEx
                                   [Trouble 462] cannot be resolved.
                                   [Trouble 495] is resolved by [Elmo].
```

https://netbeans.apache.org/download/nb126/nb126.html

Possible Conflict of JDK Version and NetBeans Version



Apache NetBeans

Community

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Plugins

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Downloading Apache NetBeans 12.6

Apache NetBeans 12.6 was released on November 29, 2021. See Apache NetBeans 12.6 Features for a full list of features.

Apache NetBeans 12.6 is available for download from your closest Apache mirror.

- Binaries: netbeans-12.6-bin.zip (SHA-512, PGP ASC)
- Installers:
 - Apache-NetBeans-12.6-bin-windows-x64.exe (SHA-512, PGP ASC)
 - Apache-NetBeans-12.6-bin-linux-x64.sh (SHA-512, PGP ASC)
 - Apache-NetBeans-12.6-bin-macosx.dmg (SHA-512, PGP ASC)
- 0

macOS versions prior to 10.14.4 require the Swift 5 Runtime to be installed to launch Apache NetBeans 12.6.

- Source: netbeans-12.6-source.zip (SHA-512, PGP ASC)
- Javadoc for this release is available at https://bits.netbeans.org/12.6/javadoc

Officially, it is important that you verify the integrity of the downloaded files using the PGP signatures (.asc file) or a hash (.sha512 files). The PGP keys used to sign this release are available here.

Apache NetBeans can also be installed as a self-contained snap package on Linux.

Deployment Platforms

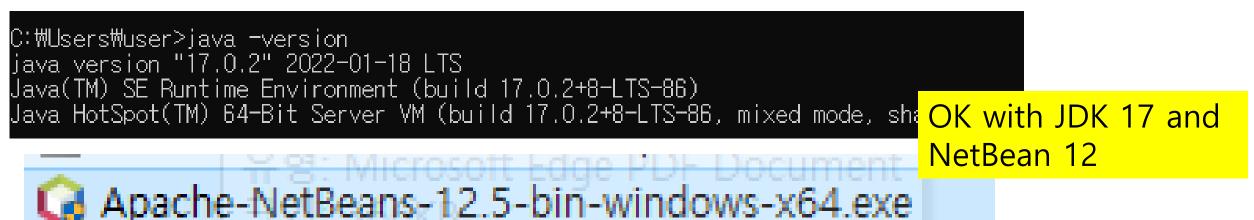
Building from Source

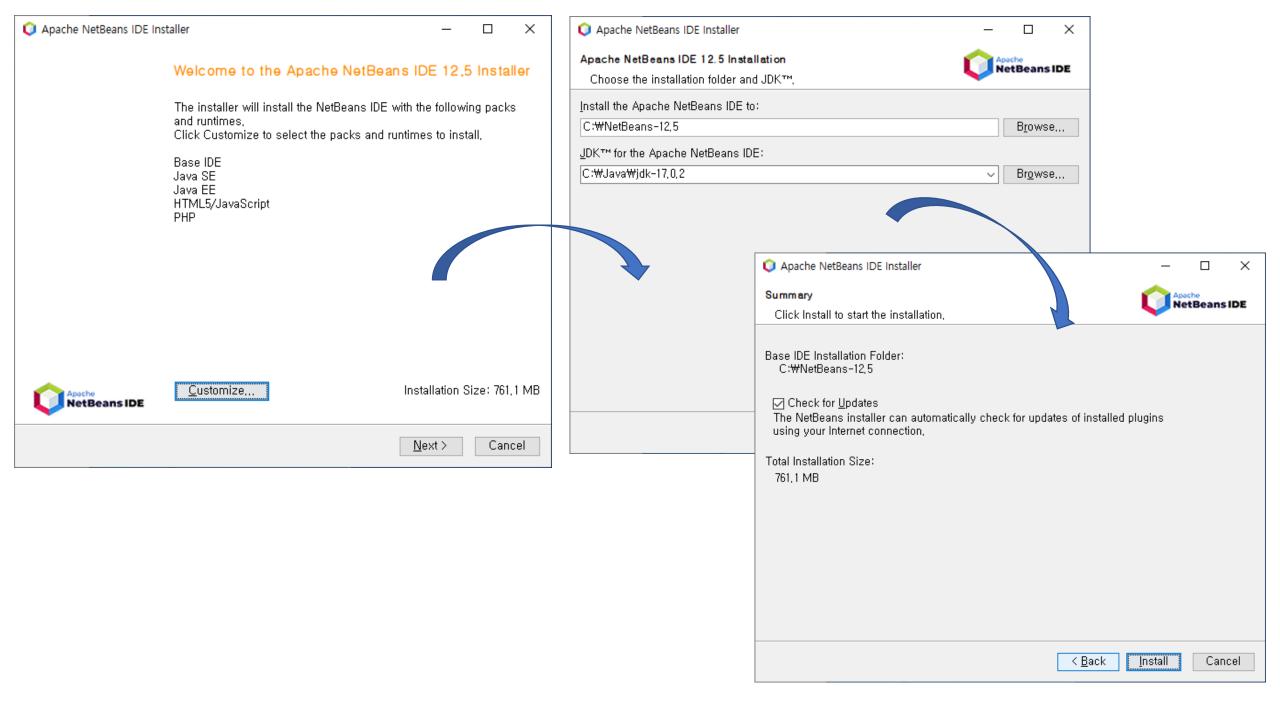
Community Approval

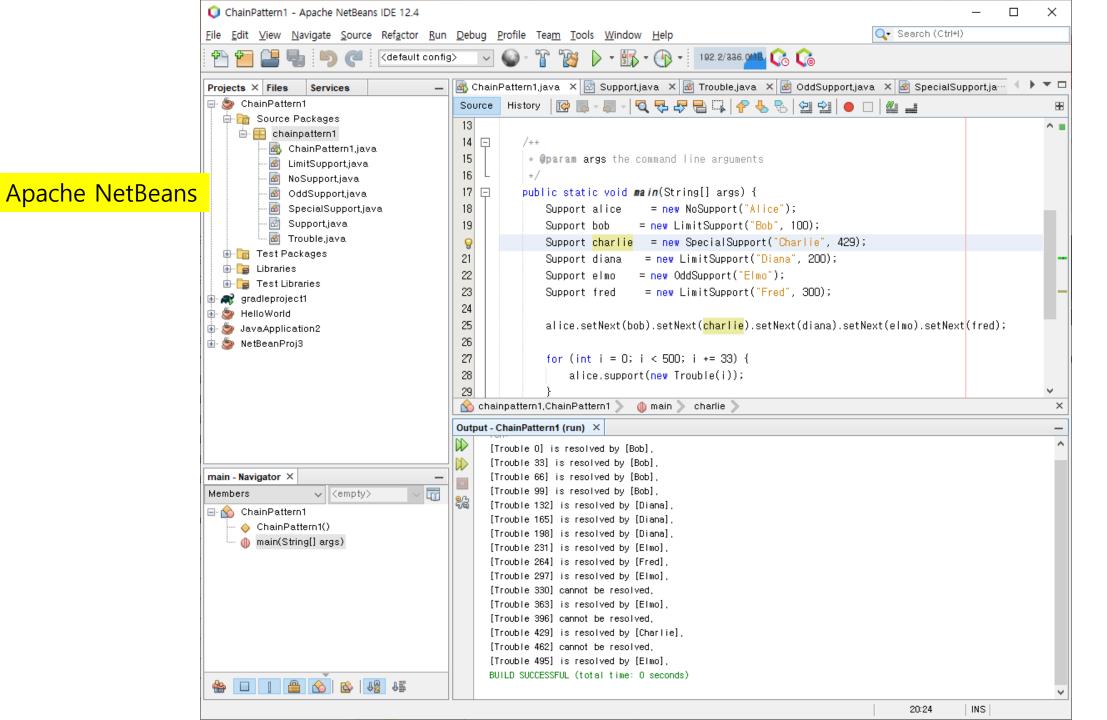
Earlier Releases

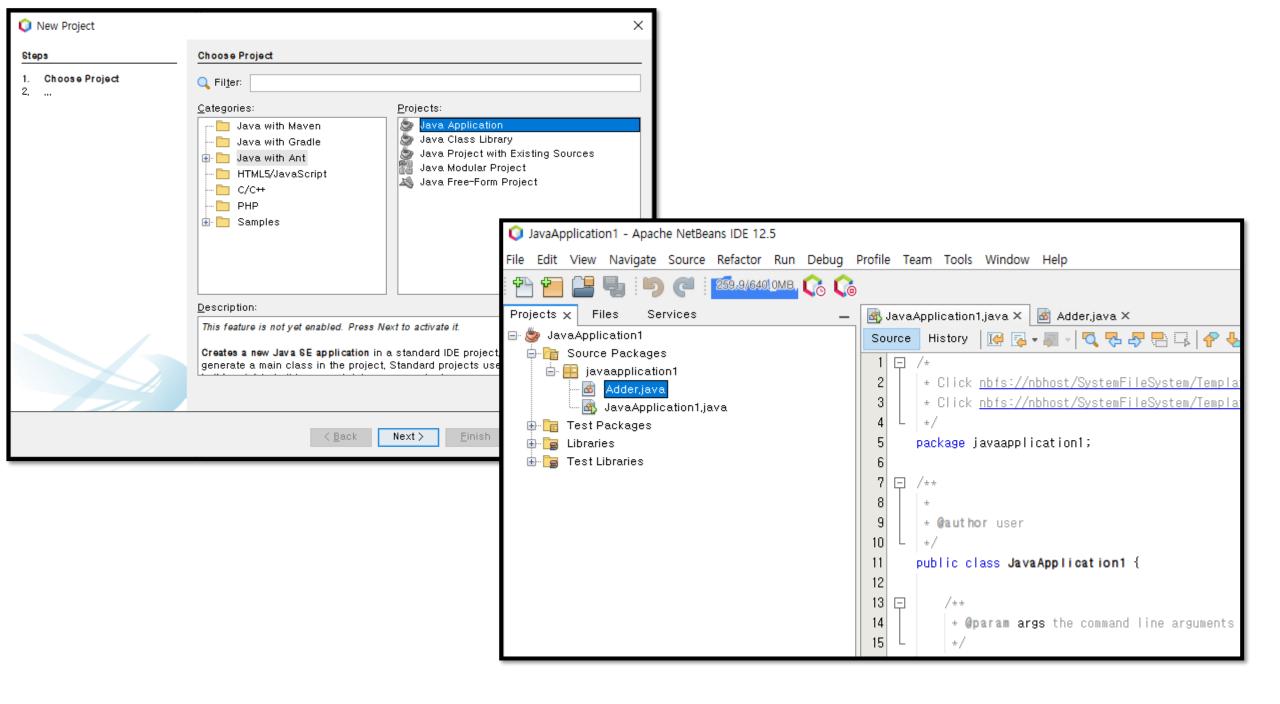
Possible Conflict of JDK Version and NetBeans Version

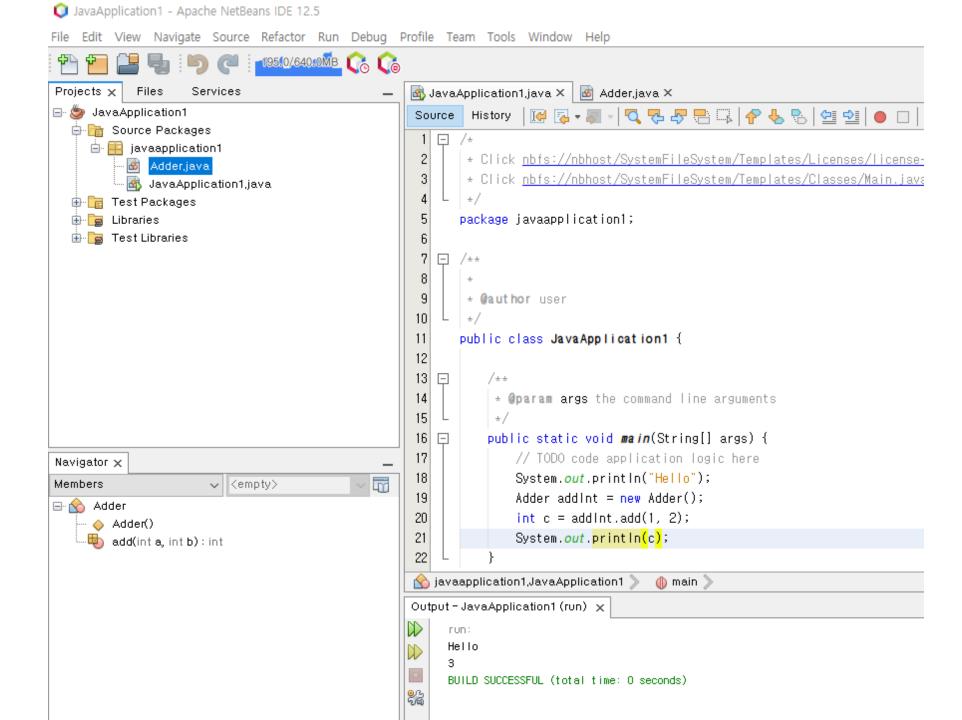


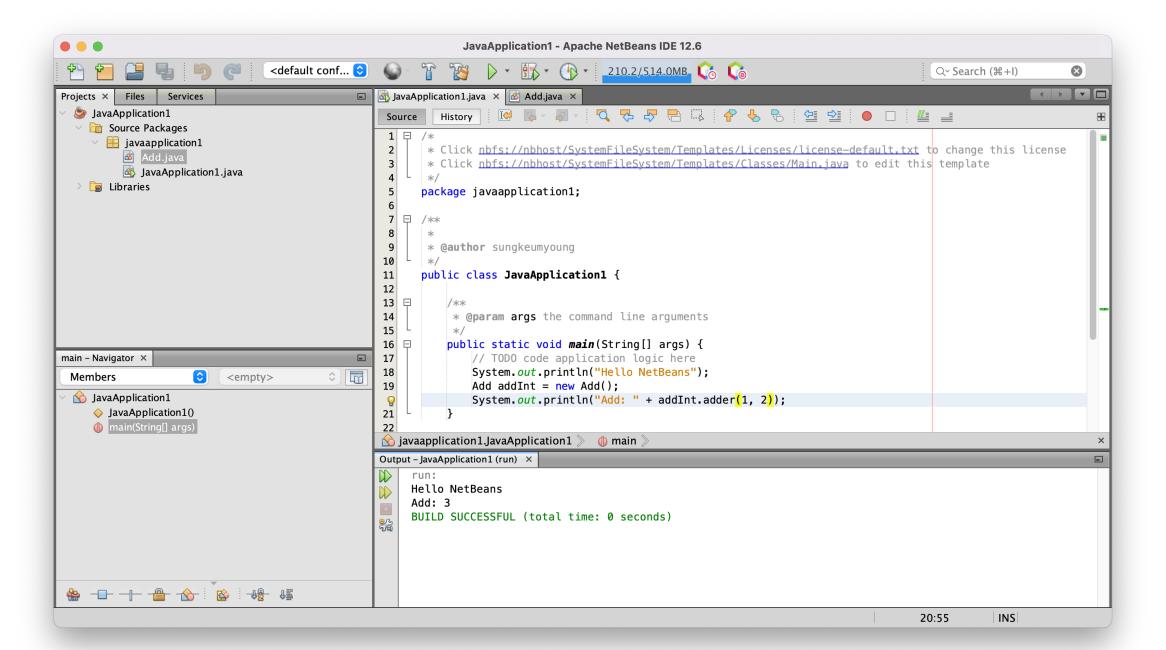




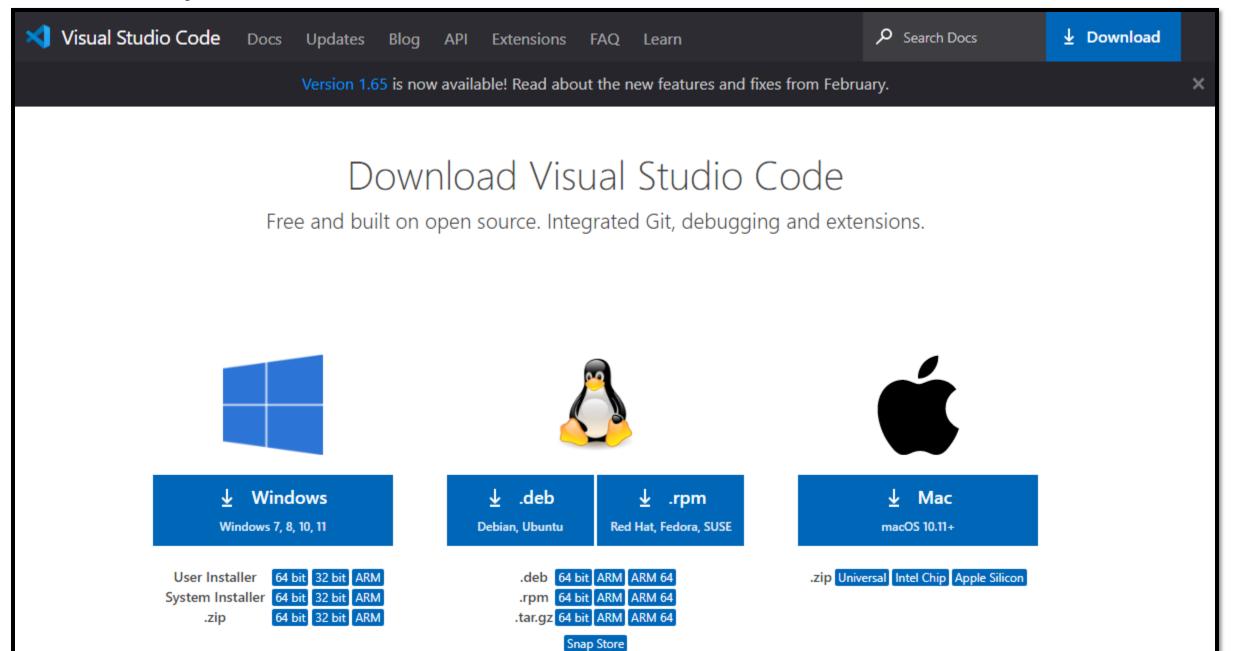


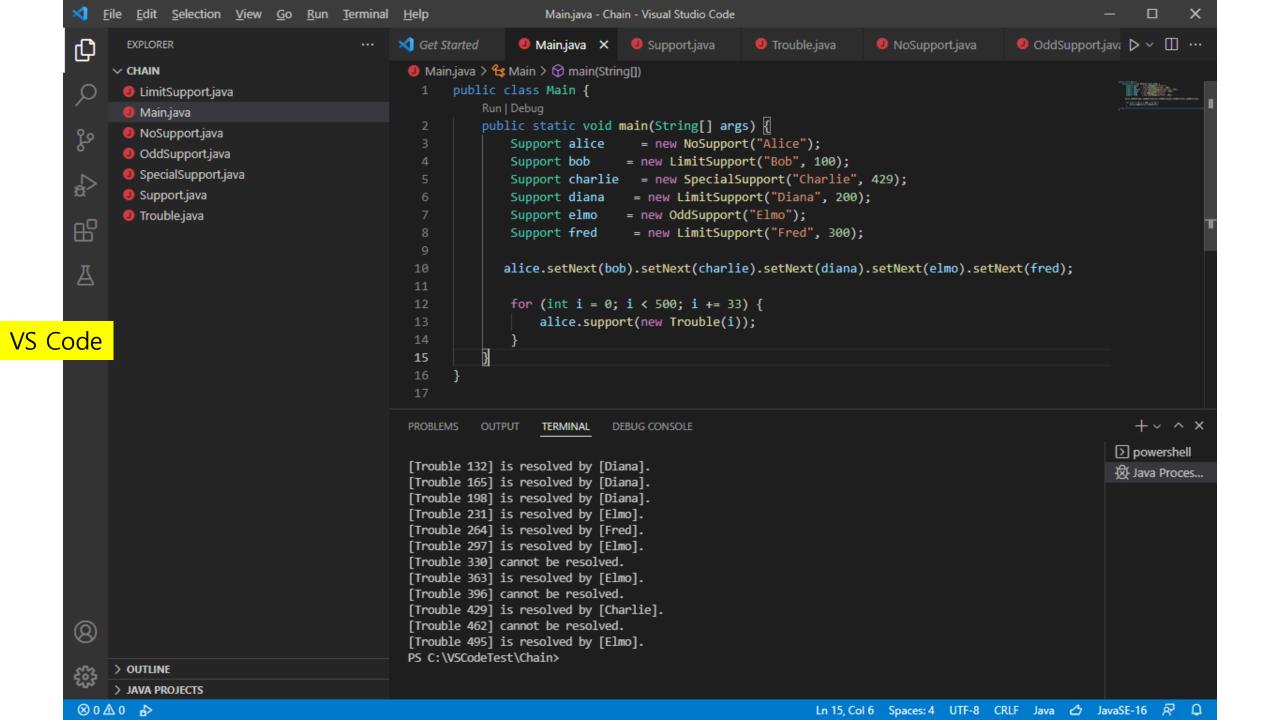


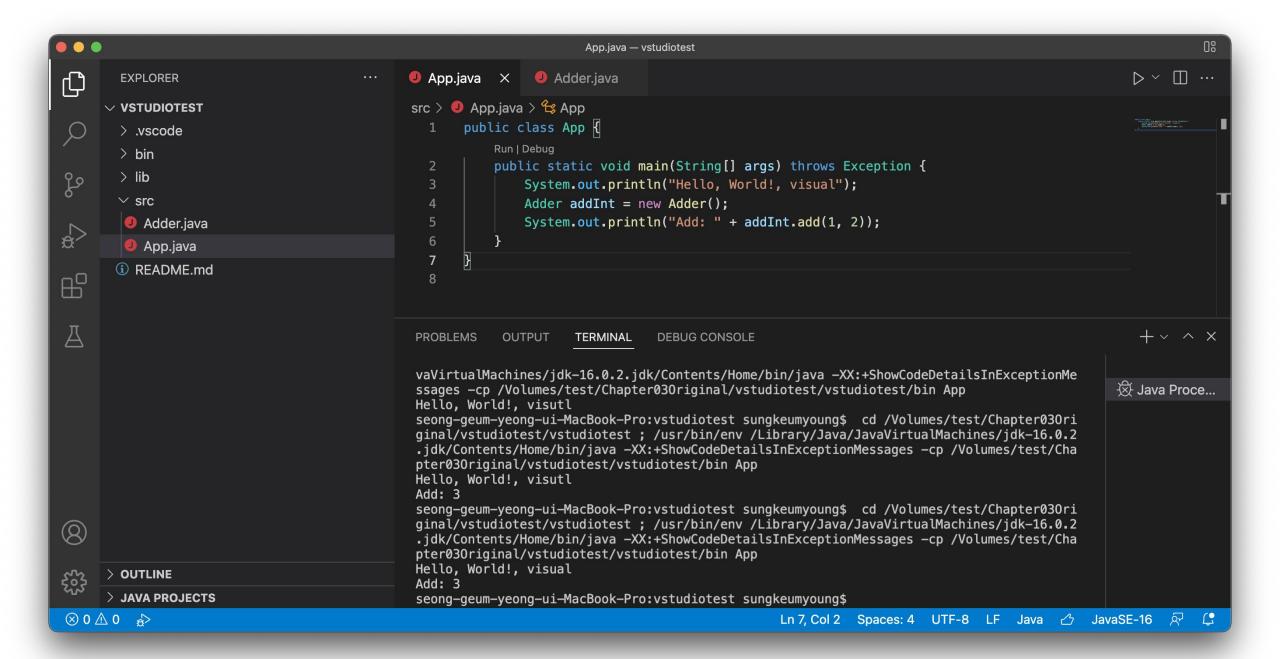




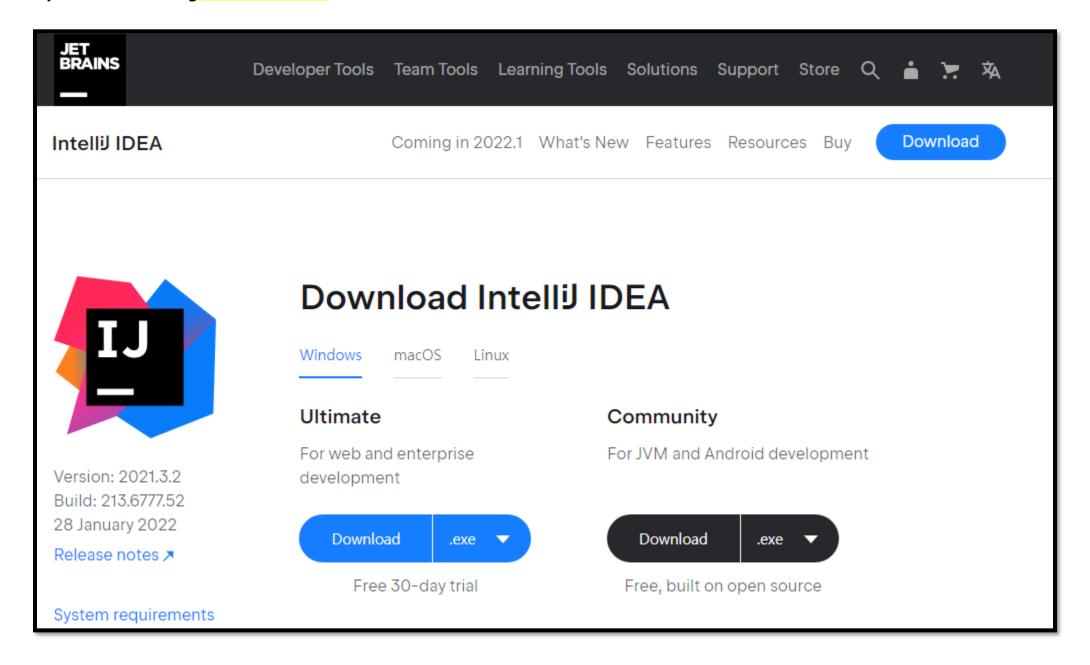
https://code.visualstudio.com/download

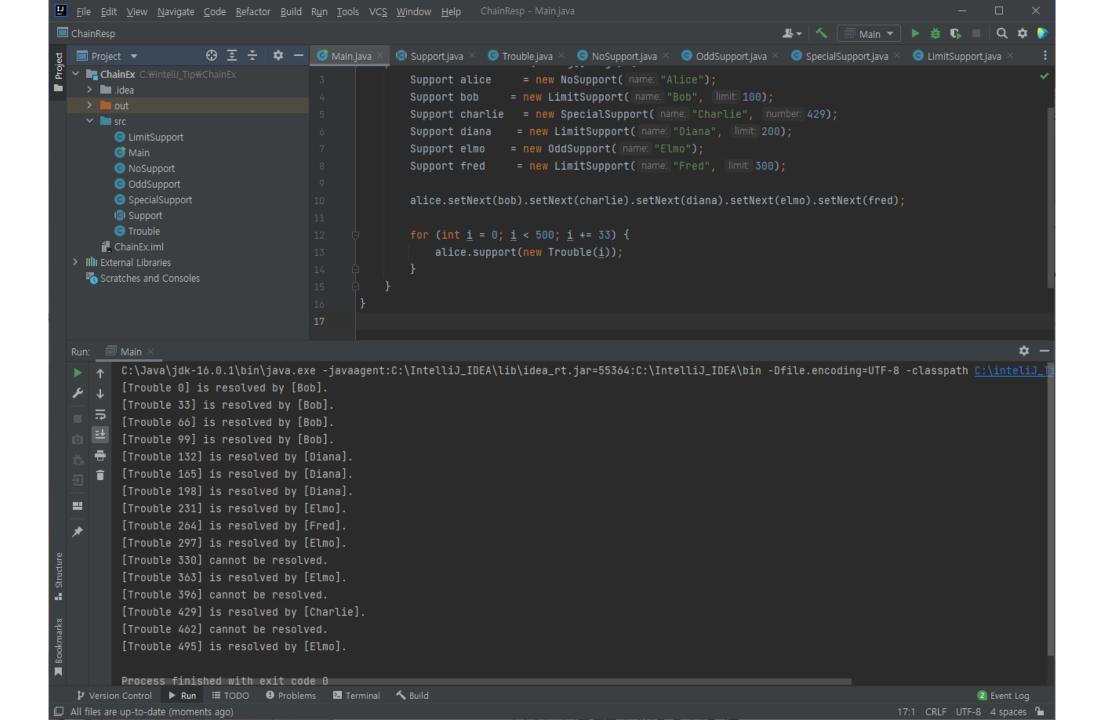


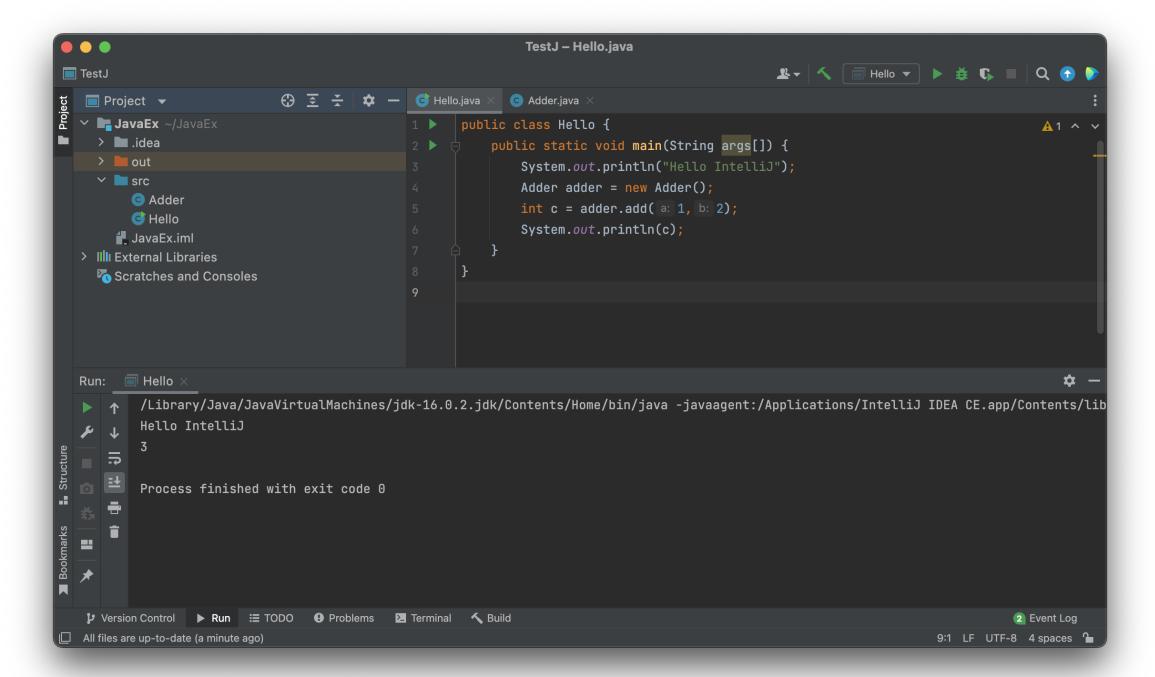




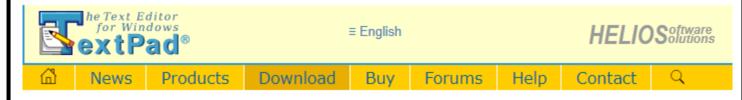
https://www.jetbrains.com/idea/download/#section=windows







https://www.textpad.com/download



download

- TextPad 8.10.0
- TextPad 7.6.4
- WildEdit 2.4
- Addons
- · Additional Dictionaries for the Spell Checker
- · Installation Instructions
- . Upgrading to TextPad 8
- · Release Notes

You are welcome to download a copy of TextPad for evaluation, or to upgrade from an earlier release. There is no charge for the download, but you must pay for the software if you decide to keep it. A single user license costs only £16.50 GBP (approximately \$27 USD).

TextPad 8.10.0 (2022-01-20):					
User Interface	Online Help	Spell Checker	Download		
English	English	American, British, Canadian	32-bit	64-bit	
Français	Français	Français	32-bit	64-bit	
Deutsche	Deutsche	Altes und Reformwörterbuch	32-bit	64-bit	
Nederlands	English	Nederlands	32-bit	64-bit	

```
public class Hello {

/** A Java app prints "Hello from Venus!" */

public static void main (String args[]) {

System.out.println("Hello from Venus!");

/* System.out refers to the standard output */

}

TextPad - F:#OODP_2014#JAVA

is the 5-line of the standard.
```

