Install JDK and Eclipse for the Mac

The short version:

- 1. Download and install the JDK https://www.oracle.com/java/technologies/downloads/
- 2. Download and Install Eclipse https://www.eclipse.org/downloads/

Java Development Kit

Navigate to https://www.oracle.com/java/technologies/downloads/.

Download the JDK installer. I selected version 21 because it has long-term support. Select the installer for your Mac's architecture. You can find your processor by going to the Apple Menu and selectin "About this Mac". M1, M2, or M3 Macs will use the ARM64 version.

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Java downloads Tools and resources Java arch	ive			
Java 22, Java 21, and Java 17 avail	lable now			
JDK 21 is the latest long-term support release of Java S	SE Platform.		Learn about Jav	a SE Subscription
JDK 22 JDK 21 JDK 17 GraalVM for JDK 22 JDK Development Kit 21.0.4 downloads	2 GraalVM for	JDK 21 GraalVM for JDK 17		
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Install:

Open the file you just downloaded.



Open the pkg file. Step through the install process

Navigate to https://www.eclipse.org/downloads/

Download Eclipse. Select your Mac's architecture. M1, M2, M3 macs use AArch64. Intel Macs use x86_64.

Install your favorite desktop IDE packages	
Learn More Download -	
Download x86_64 Download AArch64	
🕹 Download	
Download from: United States - XMis	sion Internet (https)
File eclipse-inst-jre-mac64.dr	mg SHA-512
>> Select Another Mi	irror

Open the dmg file. Then open the Eclipse Installer App.



Select the Eclipse IDE for Java Developers.

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type filter text				
Ø	Eclipse IDE for Java Developers The essential tools for any Java developer, including a Java IDE, a Git client, XML Editor, Maven and Gradle integration	Ś		
	Eclipse IDE for Enterprise Java and Web Developers Tools for developers working with Java and Web applications, including a Java IDE, tool for JavaScript, TypeScript, JavaServer Pages and Faces, Yaml, Markdown, Web	s		
C	Eclipse IDE for C/C++ Developers An IDE for C/C++ developers.			
C	Eclipse IDE for Embedded C/C++ Developers An IDE for Embedded C/C++ developers. It includes managed cross build plug-ins (Arm and RISC-V) and debug plug-ins (SEGGER J-Link, OpenOCD, pyocd, and QEMU)			
рр	Eclipse IDE for PHP Developers The essential tools for any PHP developer, including PHP language support, Git client and editors for JavaScript, TypeScript, HTML, CSS and XML. Click here to raise an issue with	~		

Be sure the VM matches the version of Java you just installed.

eclipseinstaller by Comph					
Eclips The ess client, X	Ge IDE for Java Developers details ential tools for any Java developer, including a Java IDE, a Git GML Editor, Maven and Gradle integration.				
Java 21+ VM Installation Folder	ry/Java/JavaVirtualMachines/jdk-21.jdk/Contents/Home				
	LINSTALL				
< ВАСК					

Select the keys to trust.

	Trust Artifacts					
	Do you trust certification	o you trust these signers? 🛕 Do you trust unsigned content of unknown origin? 🛕 The displayed originator names are not necessarily a reliable ertification of origin. For PGP keys, verification is typically achieved by querying the key's fingerprint against a trusted key server.				
	Туре	Id/Fingerprint	Name		Validity Dates	
1	V PGP	0eac06e3a614618d7b86ef310716e939l			🗸 Valid, expires 202	29-05-26T12:06:18
	Unsigned	n/a	Unknown		n/a	
Remember selected signers Always trust all content Select All Desele				Deselect All		
	0eac06e3a614618d7b86ef310716e939b4a5b55a					
	Details Export					
	Classifier Id Version osgi.bundle org.apache.commons.commons-compress 1.26.2 osgi.bundle org.apache.commons.lang3 3.14.0 osgi.bundle jakarta.xml.bind 2.3.3.v20201118-1818			Version		
				1.26.2		
				3.14.0		
				2.3.3.v20201118-1818		
	osgi.bundle javax.annotation			1.3.5.v20200909-1856		
osgi.bundi¢ org.eclipse.userstorage.oautn osgi.bundl¢ org.eclipse.userstorage.ui osgi.bundl¢ org.eclipse.wst.common.emf			1.1.0.v20190307-0457			
			1.2.700.v202007161535			
Cancel Trust Se					Trust Selected	

Run Eclipse. Select a folder to use as your cs111 workspace.

	Eclipse IDE Launcher	
Select a directory as workspace		
Eclipse IDE uses the workspace direct	tory to store its preferences and development ar	tifacts.
Users/cpresser/eclipse-workspace		Browse
— ———————————————————————————————————		
Use this as the default and do not as	3k again	
	Cancel	Launch