

# Java and Eclipse Installation

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Installation Guide For Windows 10

edureka!

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## Know your System Requirements:

If you are using Windows 10:

Click on “start” or press “windows key” → right click on “Computer” or “This PC” → select “Properties”.



View basic information about your computer

Windows edition

Windows 10 Pro

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System

Processor:	Intel(R) Core(TM) i3-6006U CPU @ 2.00GHz 1.99 GHz
Installed memory (RAM):	8.00 GB (7.89 GB usable)
System type:	64-bit Operating System, x64-based processor
Pen and Touch:	No Pen or Touch Input is available for this Display

Computer name, domain and workgroup settings

Computer name: DESKTOP-ICD45SC

Full computer name: DESKTOP-ICD45SC

Computer description:

Workgroup: WORKGROUP

Windows activation

Windows is activated [Read the Microsoft Software Licence Terms](#)

Product ID: 00330-67920-17193-AAOEM

From the above window you can find out whether your machine is 64 bit or 32 bit machine.

Accordingly, you need to install the following:

- Java Development Kit(JDK and JRE).
- Eclipse IDE(Helios or Above).

## Installing JDK:

→ Go to the URL:

<http://www.oracle.com/technetwork/java/javase/downloads/index.html>→

Then click on **Download Java Platform (JDK) 9**.

Choose the appropriate option that is as per the machine you are installing the JDK viz. 32 bit machine or 64 bit machine. I have selected 64 bit file below. Also go ahead and select Accept License Agreement which is by default set as Decline License Agreement.

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### Java SE Development Kit 9 Downloads

Thank you for downloading this release of the Java™ Platform, Standard Edition Development Kit (JDK™). The JDK is a development environment for building applications, and components using the Java programming language.

The JDK includes tools useful for developing and testing programs written in the Java programming language and running on the Java platform.

See also:

- [Java Developer Newsletter](#): From your Oracle account, select **Subscriptions**, expand **Technology**, and subscribe to **Java**.
- [Java Developer Day hands-on workshops \(free\) and other events](#)
- [Java Magazine](#)

JDK 9.0.4 [checksum](#)

#### Java SE Development Kit 9.0.4

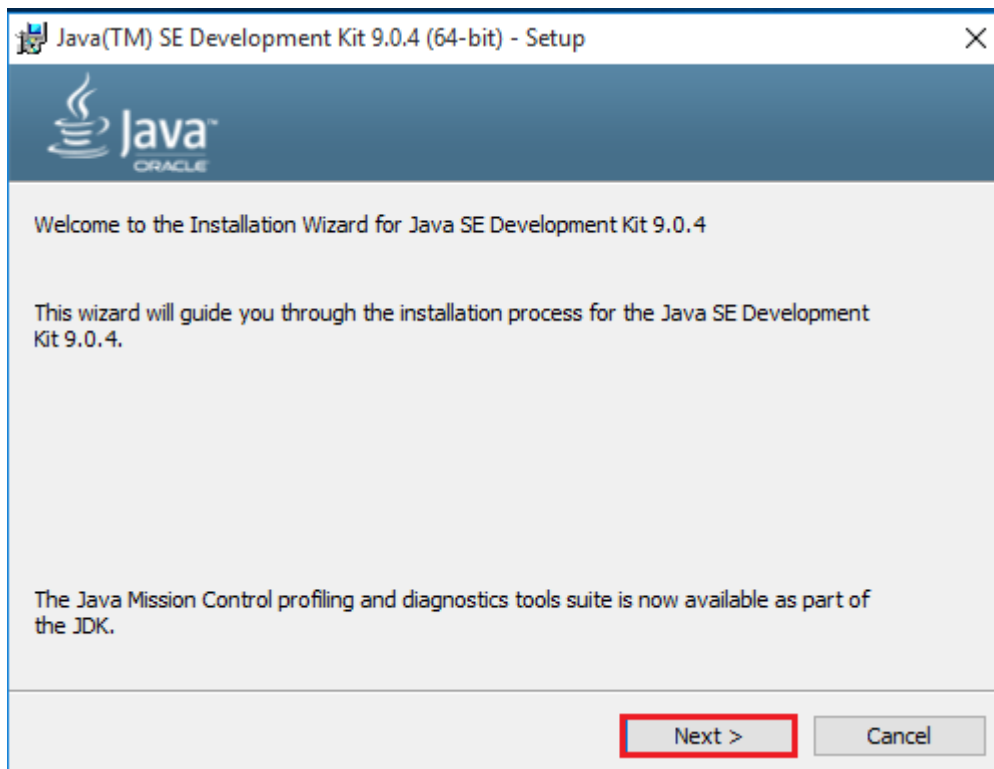
You must accept the [Oracle Binary Code License Agreement for Java SE](#) to download this software.

☐ **Accept License Agreement**
☒ Decline License Agreement

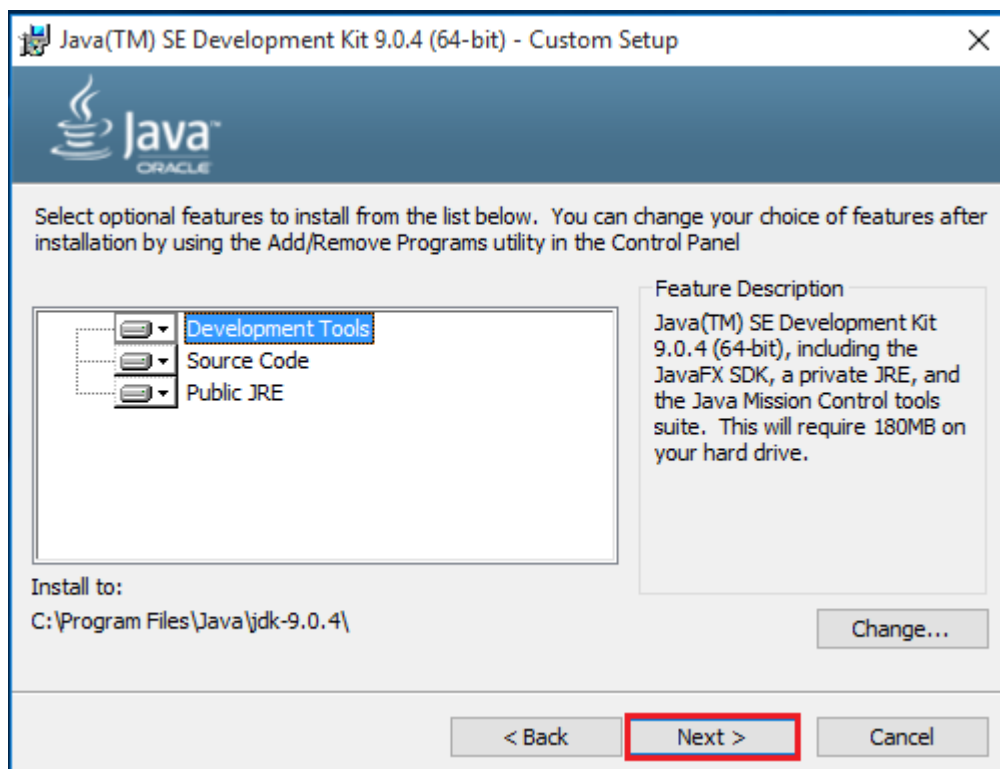
Product / File Description	File Size	Download
Linux	305.07 MB	<a href="#">jdk-9.0.4_linux-x64_bin.rpm</a>
Linux	338.21 MB	<a href="#">jdk-9.0.4_linux-x64_bin.tar.gz</a>
macOS	382.11 MB	<a href="#">jdk-9.0.4_osx-x64_bin.dmg</a>
Windows	375.56 MB	<a href="#">jdk-9.0.4_windows-x64_bin.exe</a>
Solaris SPARC	206.97 MB	<a href="#">jdk-9.0.4_solaris-sparcv9_bin.tar.gz</a>

You will have the downloaded file open it and then:

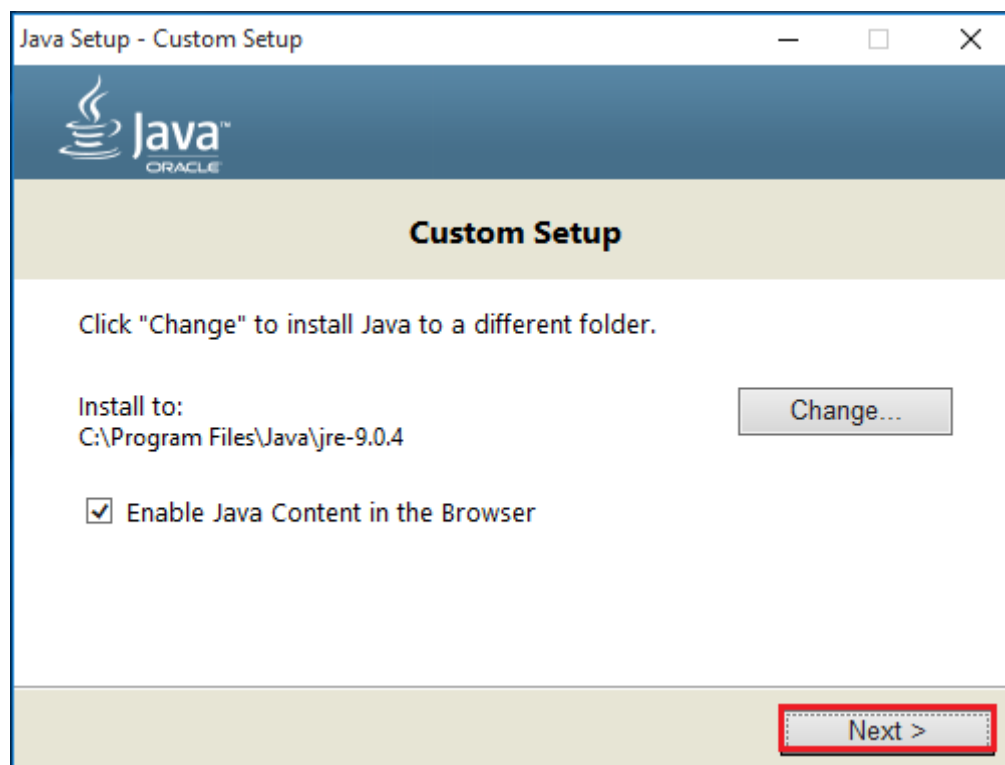
→ Click Next



→ Click Next



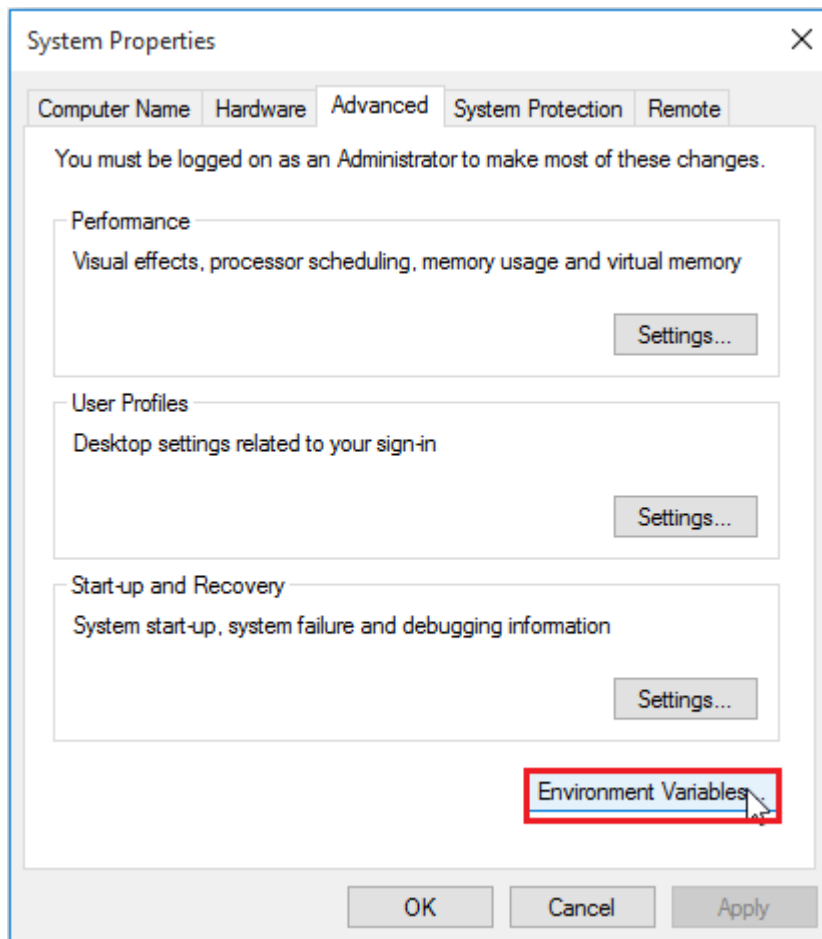
→ Click Next



→ Click Close

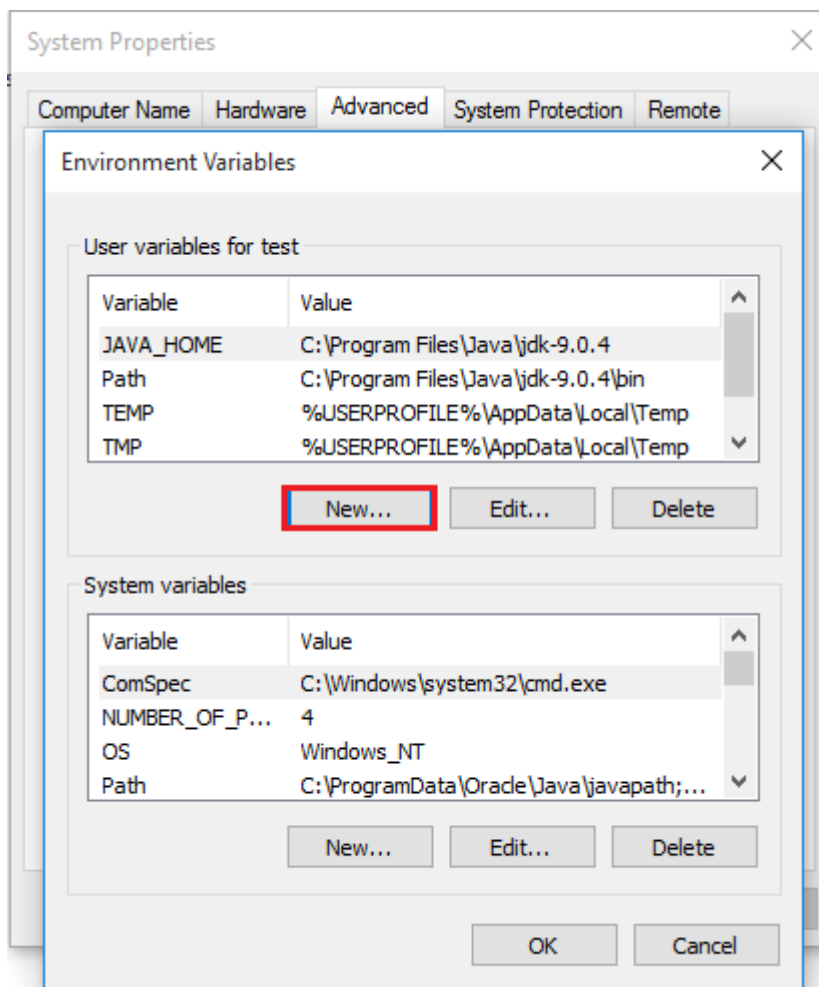


- » Once done with JAVA installation, we need to set the Environment variables to use JDK with Eclipse.
- » Go to My PC from the startup menu → Right click on Computer → Go to Properties → Go to Advanced System Settings → From the Popup → Go to Environment Variables.



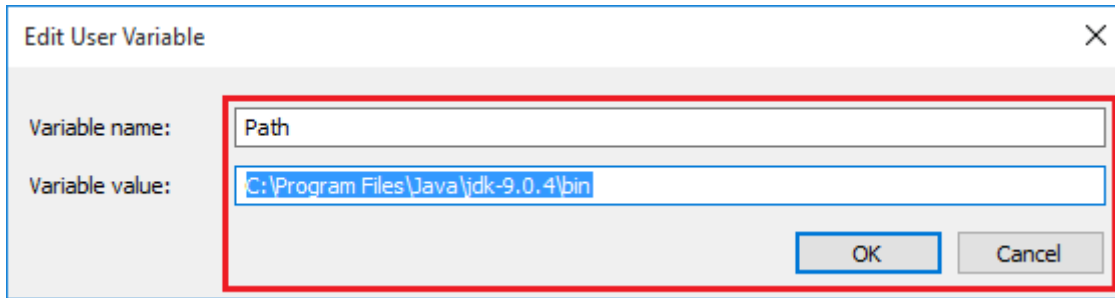


- » Click on New under the Environment Variables section



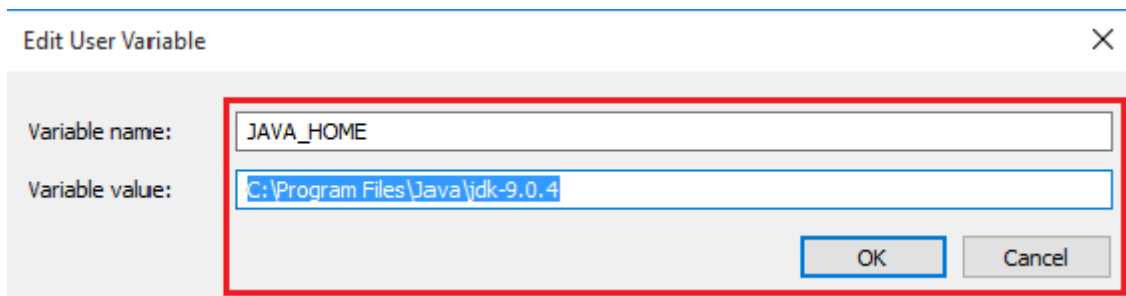
- » Name the Environment Variable as Path.
- » Place the value of the JDK installation folder on your machine till the folder's bin directory. For ex: C:\Program Files\Java\jdk-9.0.4\bin
- » Create another environment variable name it as JAVA\_HOME and set the values as C:\Program Files\Java\jdk-9.0.4 i.e. **excluding the bin directory**.

### Setting the Path variable



The screenshot shows the 'Edit User Variable' dialog box. The title bar says 'Edit User Variable' with a close button (X). The dialog has two input fields: 'Variable name:' with the text 'Path' and 'Variable value:' with the text 'C:\Program Files\Java\jdk-9.0.4\bin'. Both fields are highlighted with a red rectangular border. At the bottom right, there are two buttons: 'OK' and 'Cancel'.

Setting JAVA\_HOME variable Once we have created the Environment variables, we are done with the process of JDK installation.

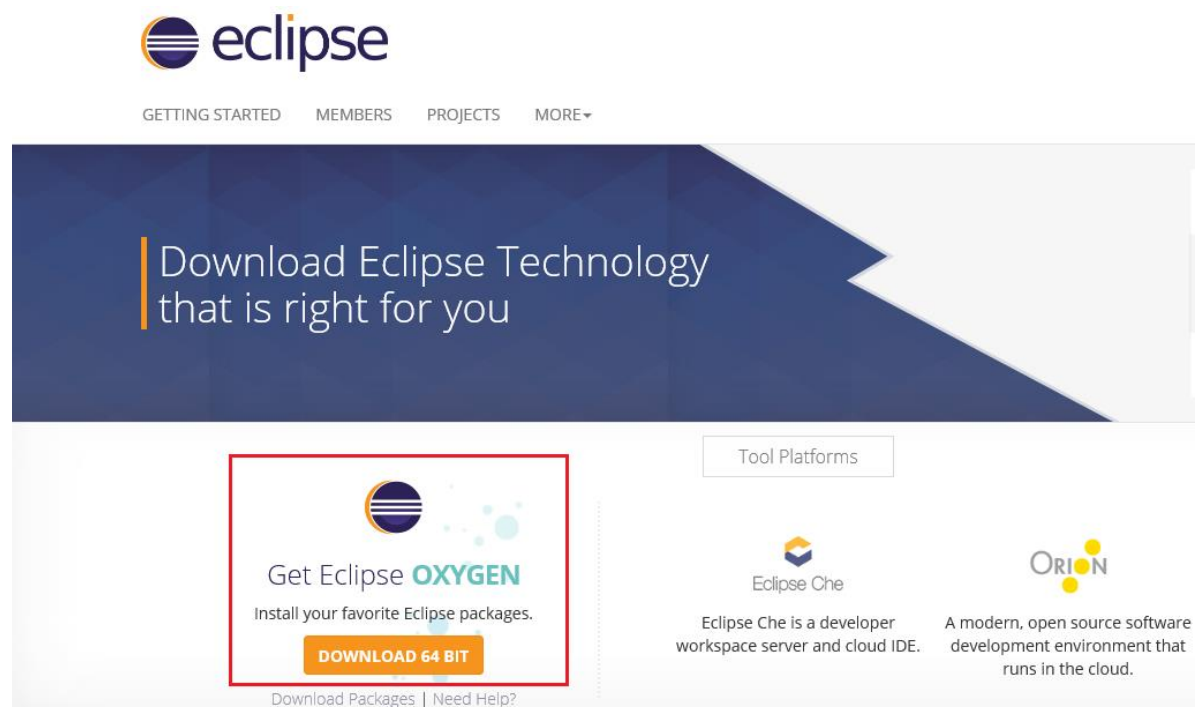


The screenshot shows the 'Edit User Variable' dialog box. The title bar says 'Edit User Variable' with a close button (X). The dialog has two input fields: 'Variable name:' with the text 'JAVA\_HOME' and 'Variable value:' with the text 'C:\Program Files\Java\jdk-9.0.4'. Both fields are highlighted with a red rectangular border. At the bottom right, there are two buttons: 'OK' and 'Cancel'.

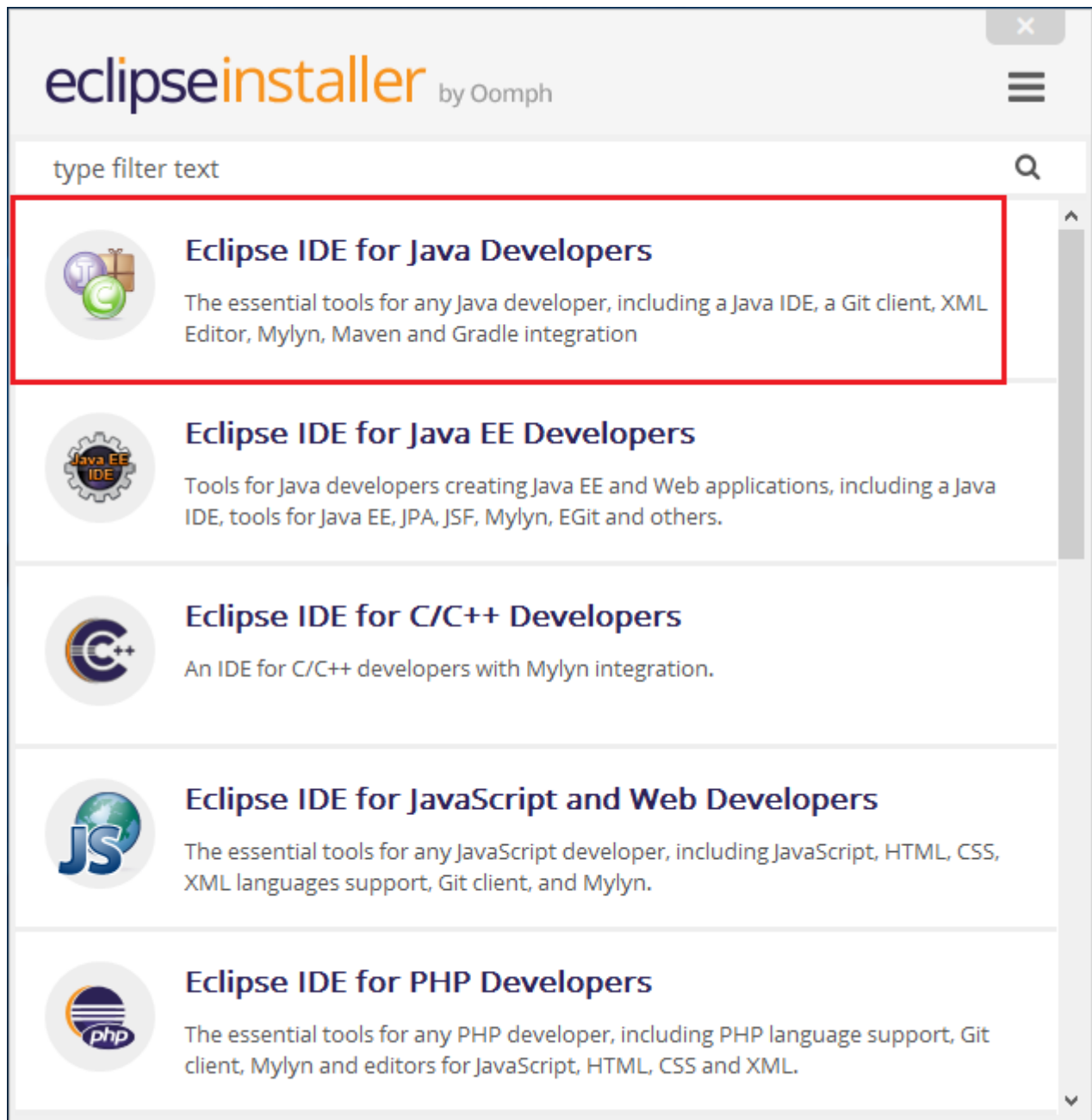
## Installing Eclipse IDE:

We recommend using Eclipse IDE for Java Developers. You can download it here:

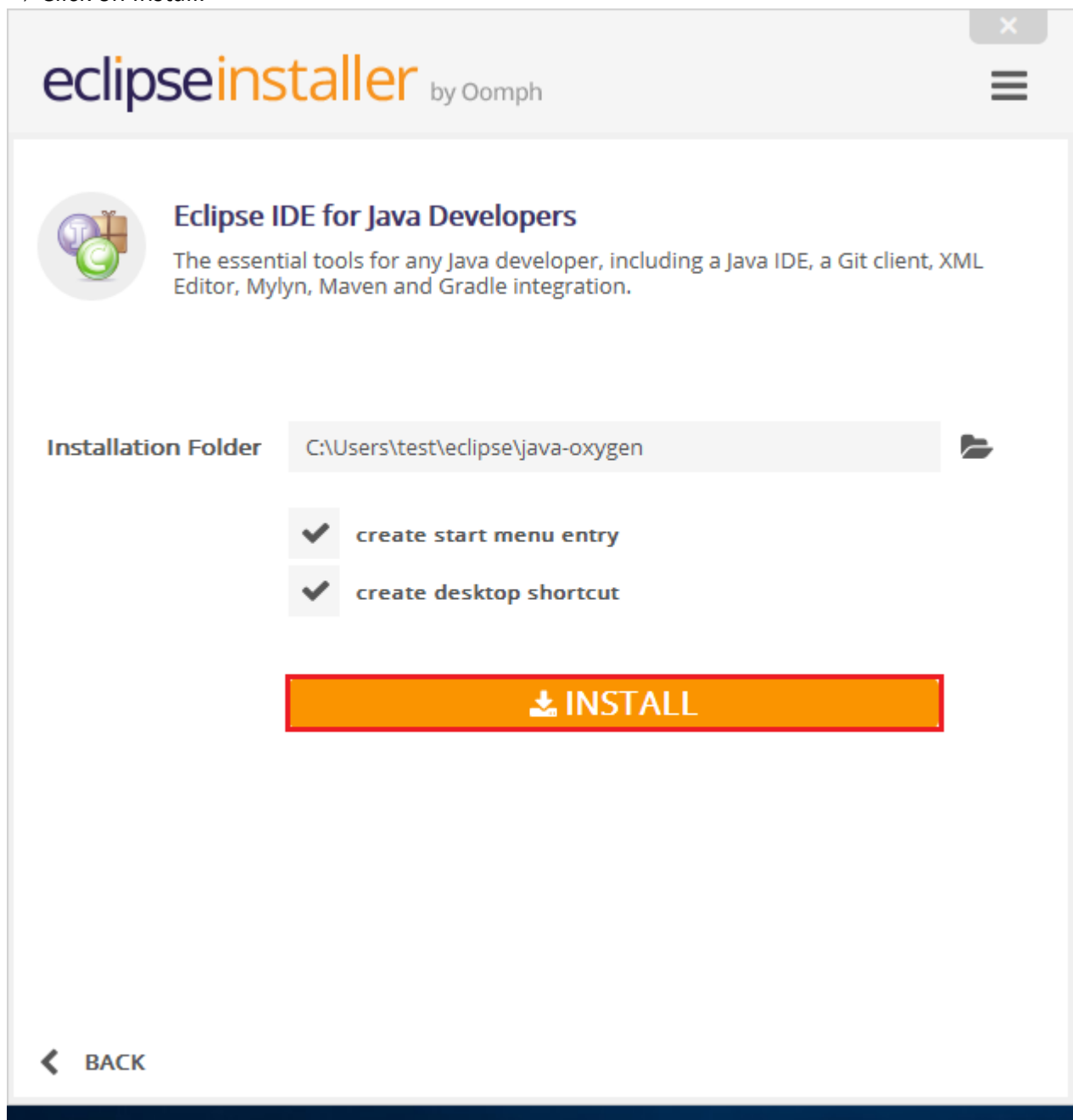
- Download "Eclipse IDE for Java Developers" from here  
<http://www.eclipse.org/downloads/>
- Before you download the file make sure whether it is compatible with your system or not (32-bit, 64 bit).
- Download Eclipse Oxygen which is currently the latest IDE available.



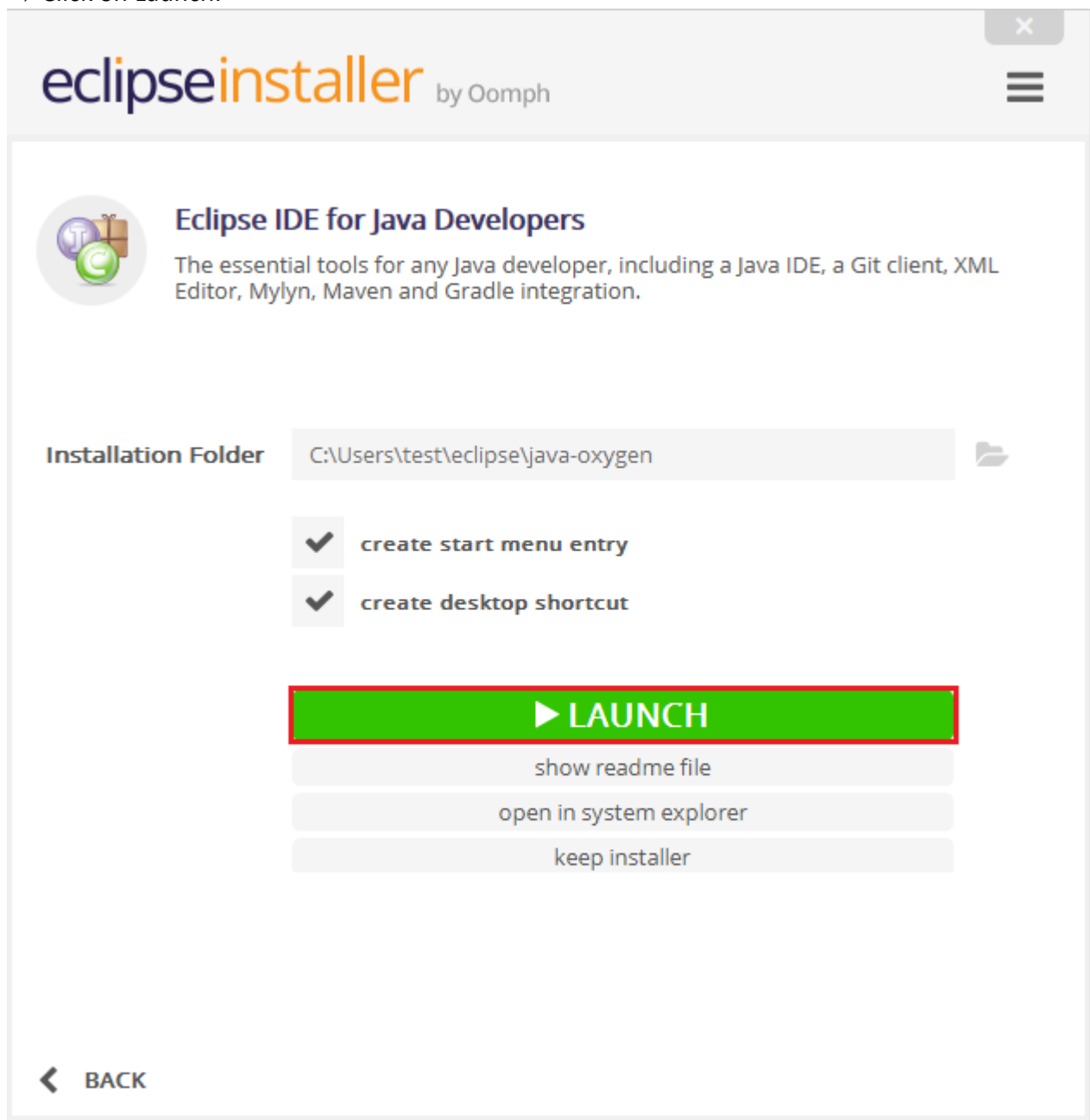
→ Once you have downloaded the file. Open following installer will be visible.  
Select Eclipse IDE For Java Developers.



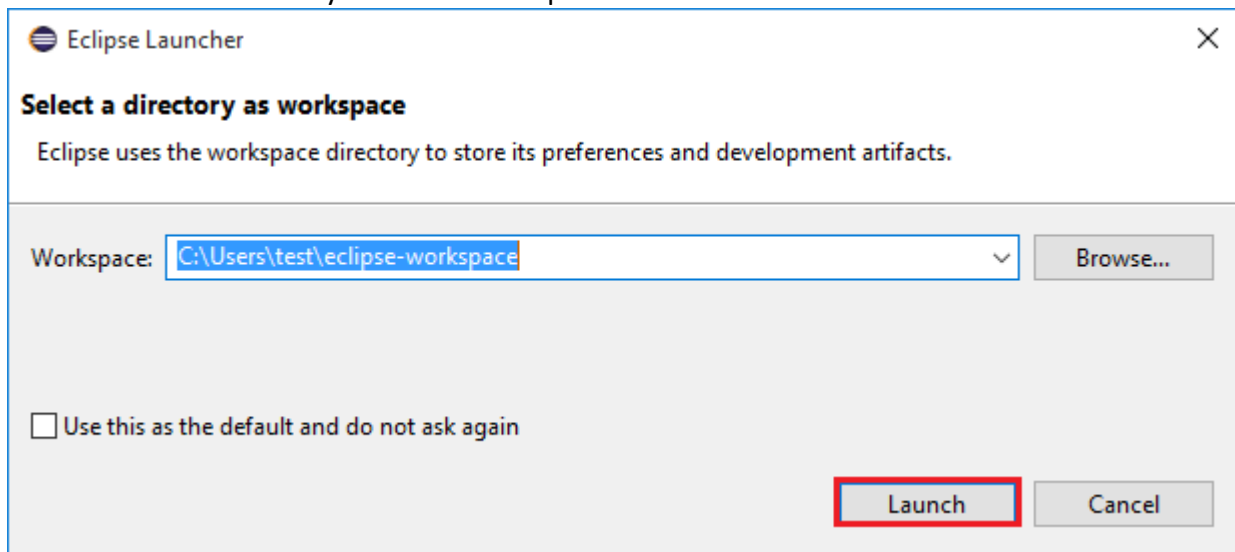
→ Click on Install.



→ Click on Launch.



→ Click on Launch after you have set the path.



This concludes the installation process and you are good to go ahead and continue. Happy Learning