

IN THE NAME OF ALLAH

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

THE GRACIOUS, THE MERCIFUL.

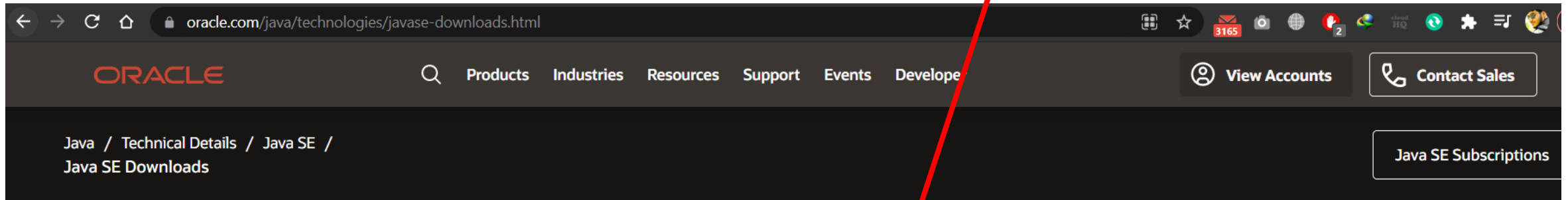
LECTURE: 1

INSTALLATION OF JAVA



DOWNLOAD THE JDK FILE

<https://www.oracle.com/java/technologies/javase-downloads.html>



Java SE Downloads

Java Platform, Standard Edition

Java SE 16

Java SE 16.0.2 is the latest release for the Java SE Platform

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Oracle JDK



JDK Download



Documentation Download

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Linux ARM 64 RPM Package	144.87 MB	jdk-16.0.2_linux-aarch64_bin.rpm
Linux ARM 64 Compressed Archive	160.73 MB	jdk-16.0.2_linux-aarch64_bin.tar.gz
Linux x64 Debian Package	146.17 MB	jdk-16.0.2_linux-x64_bin.deb
Linux x64 RPM Package	153.01 MB	jdk-16.0.2_linux-x64_bin.rpm
Linux x64 Compressed Archive		jdk-16.0.2_linux-x64_bin.tar.gz
macOS Installer		jdk-16.0.2_macosx64_bin.dmg
macOS Compressed Archive		jdk-16.0.2_macosx64_bin.tar.gz
Windows x64 Installer	150.58 MB	jdk-16.0.2_windows-x64_bin.exe
Windows x64 Compressed Archive	168.8 MB	jdk-16.0.2_windows-x64_bin.zip

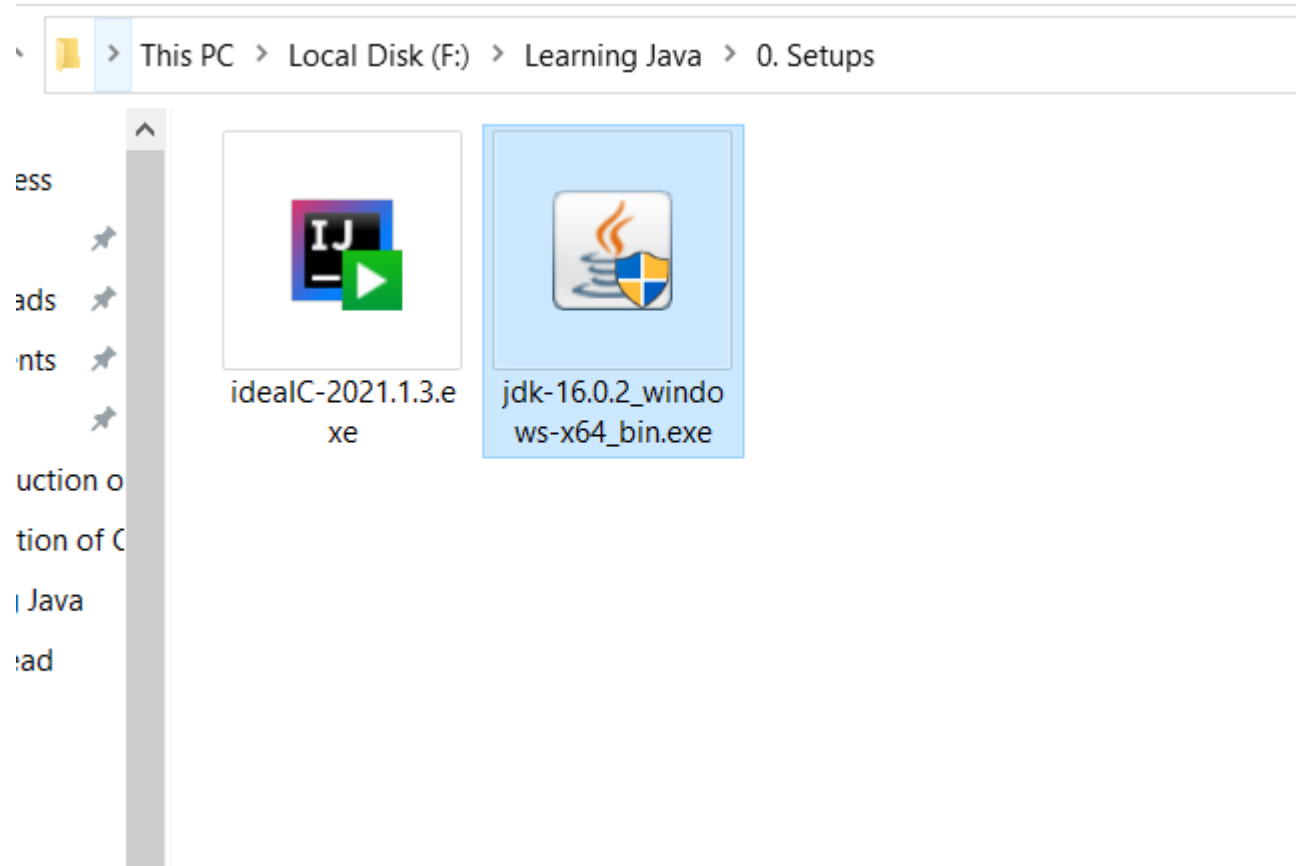
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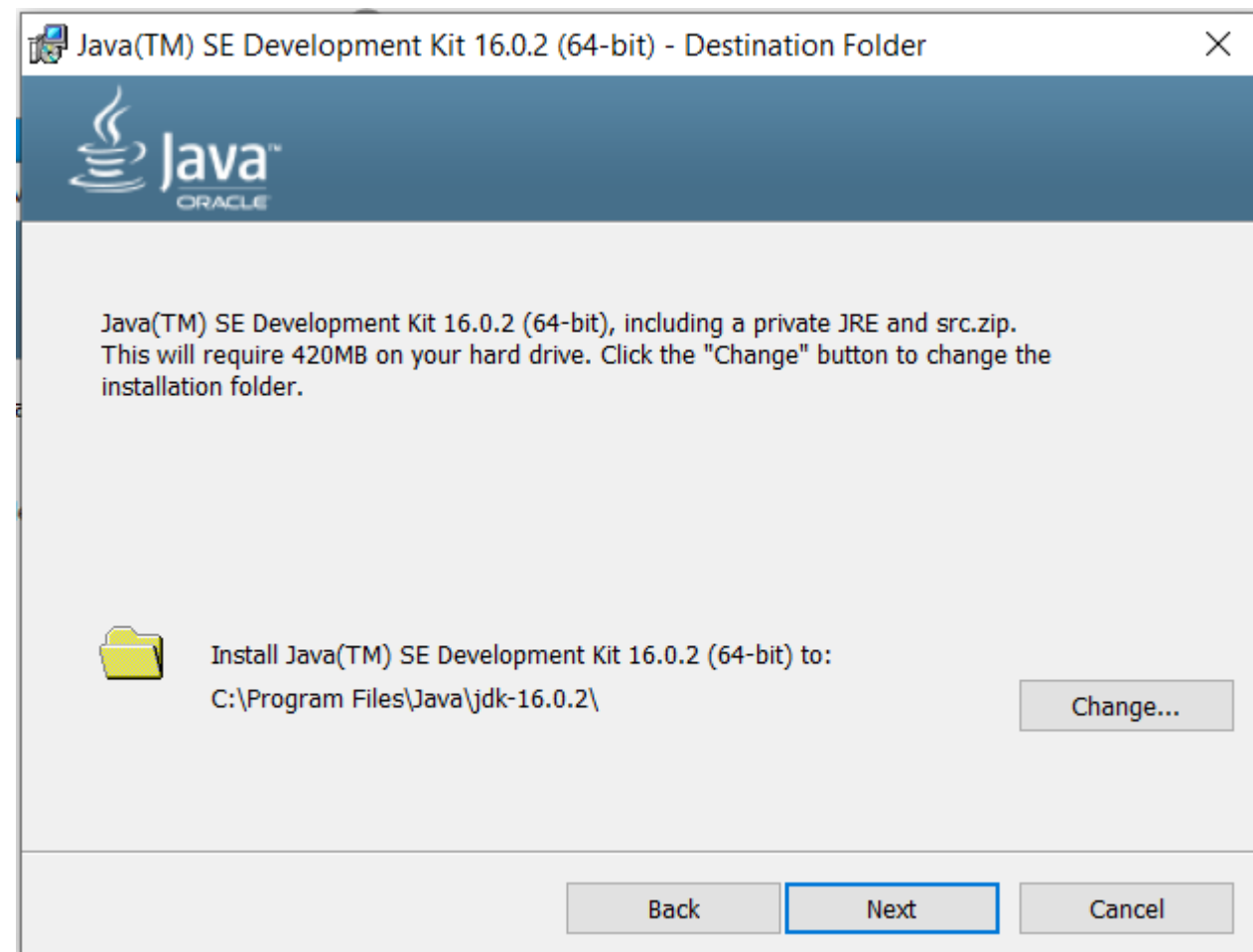
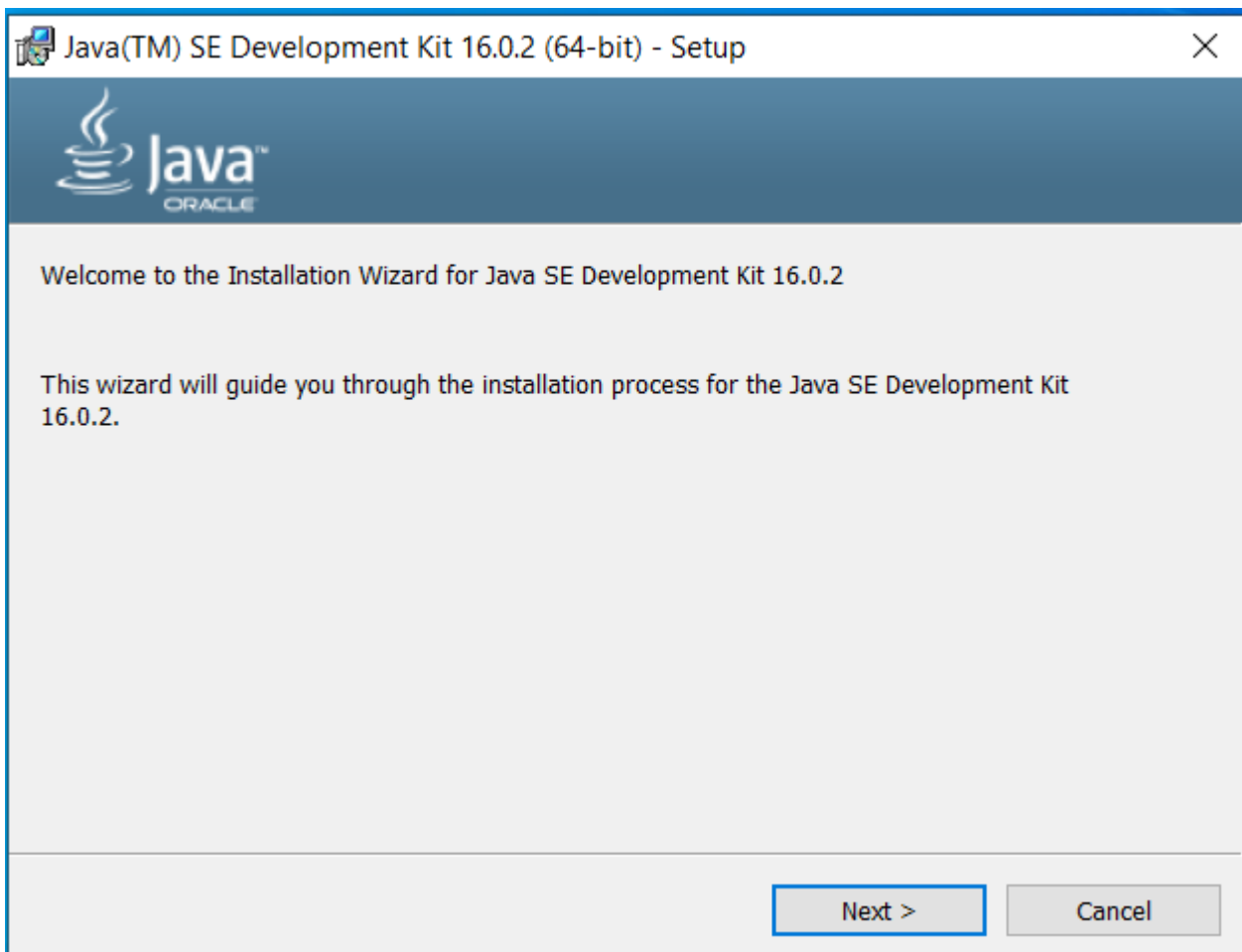
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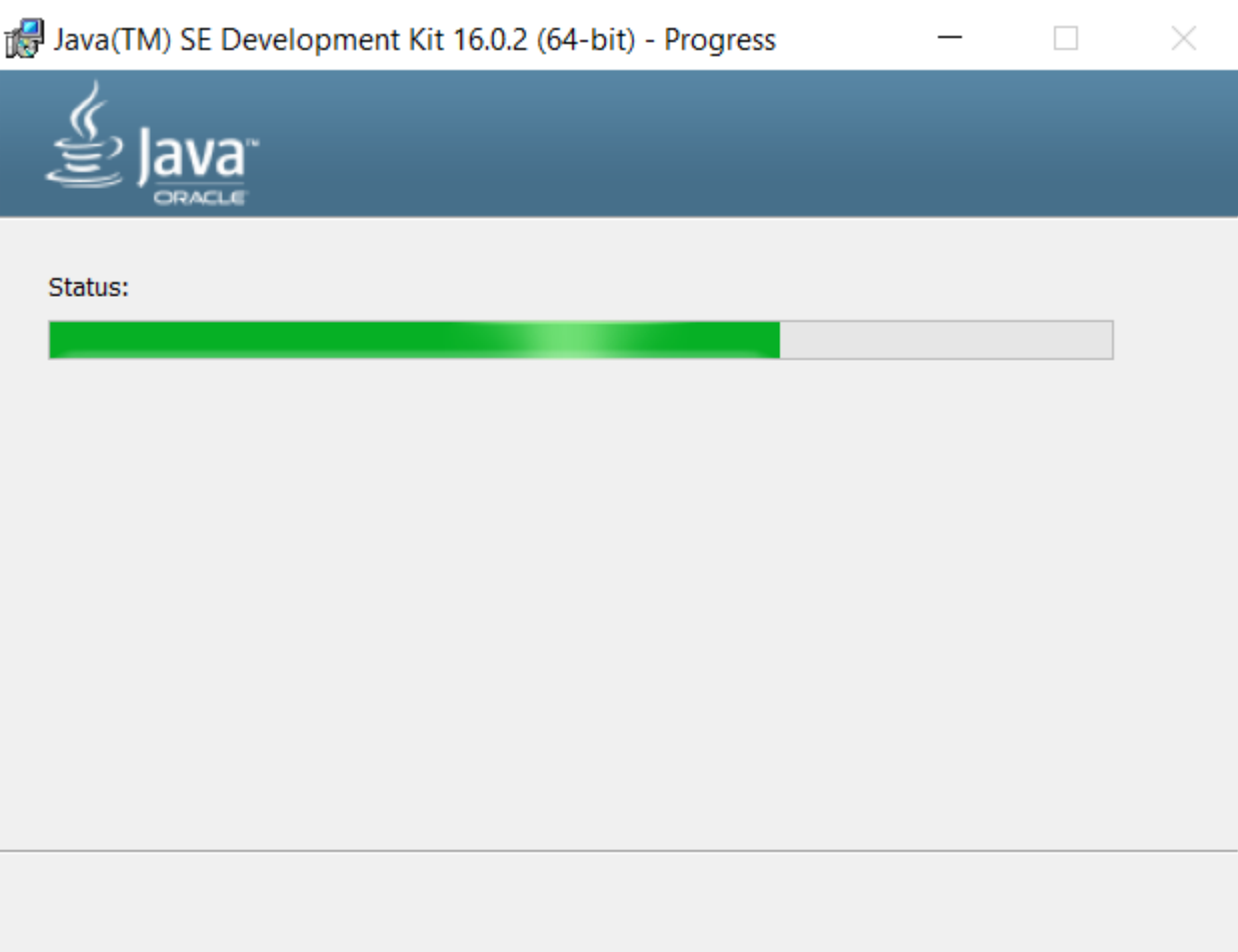
Required

Download jdk-16.0.2_windows-x64_bin.exe

THE JDK is already downloaded in 0.Setup folder



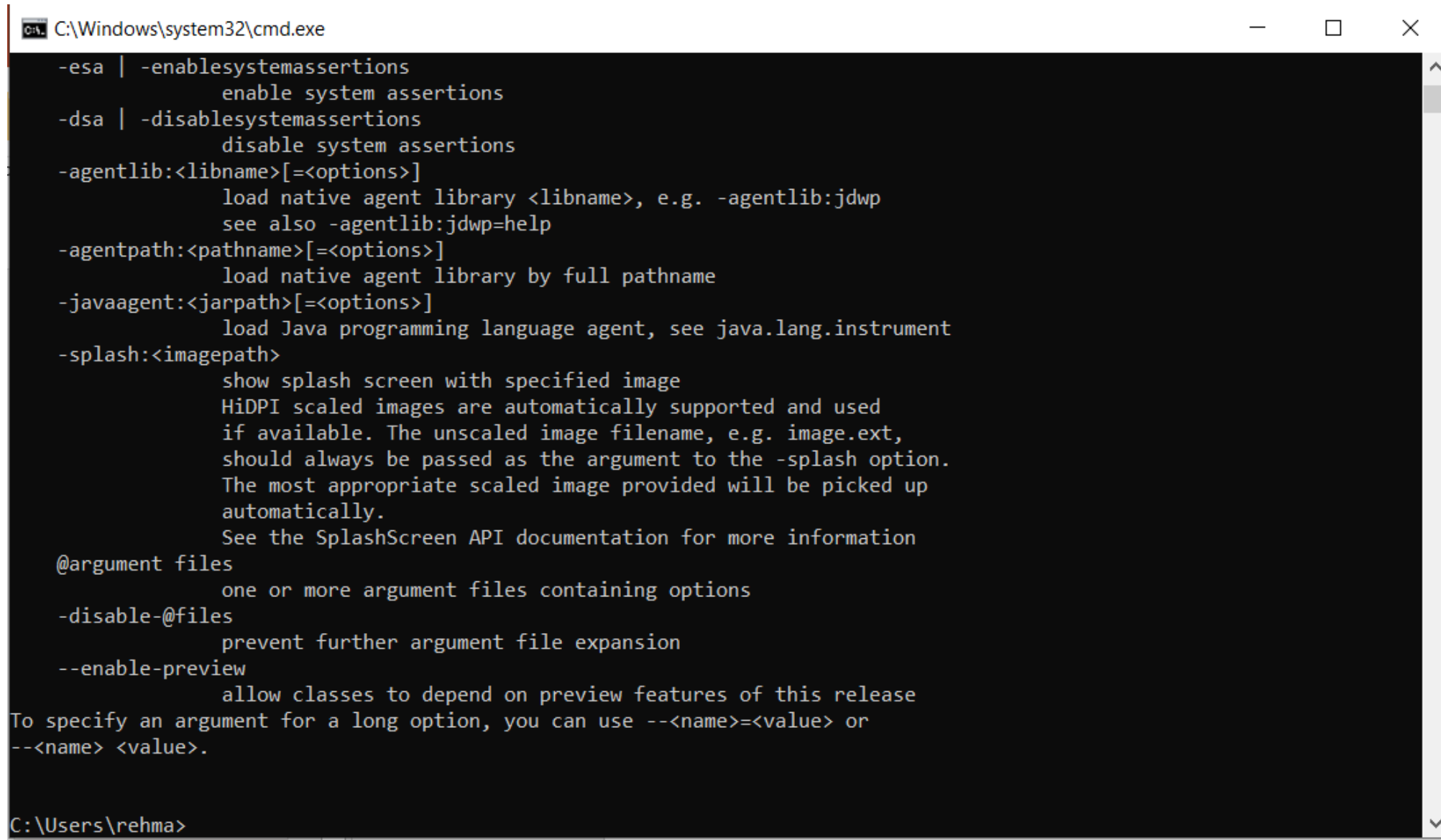




LETS SEE JAVA IS WORKING OR NOT

- Press Window+r button to start RUN.
- Type CMD and hit ENTER
- In CMD type java and hit ENTER

If you see this type of result then JAVA is working

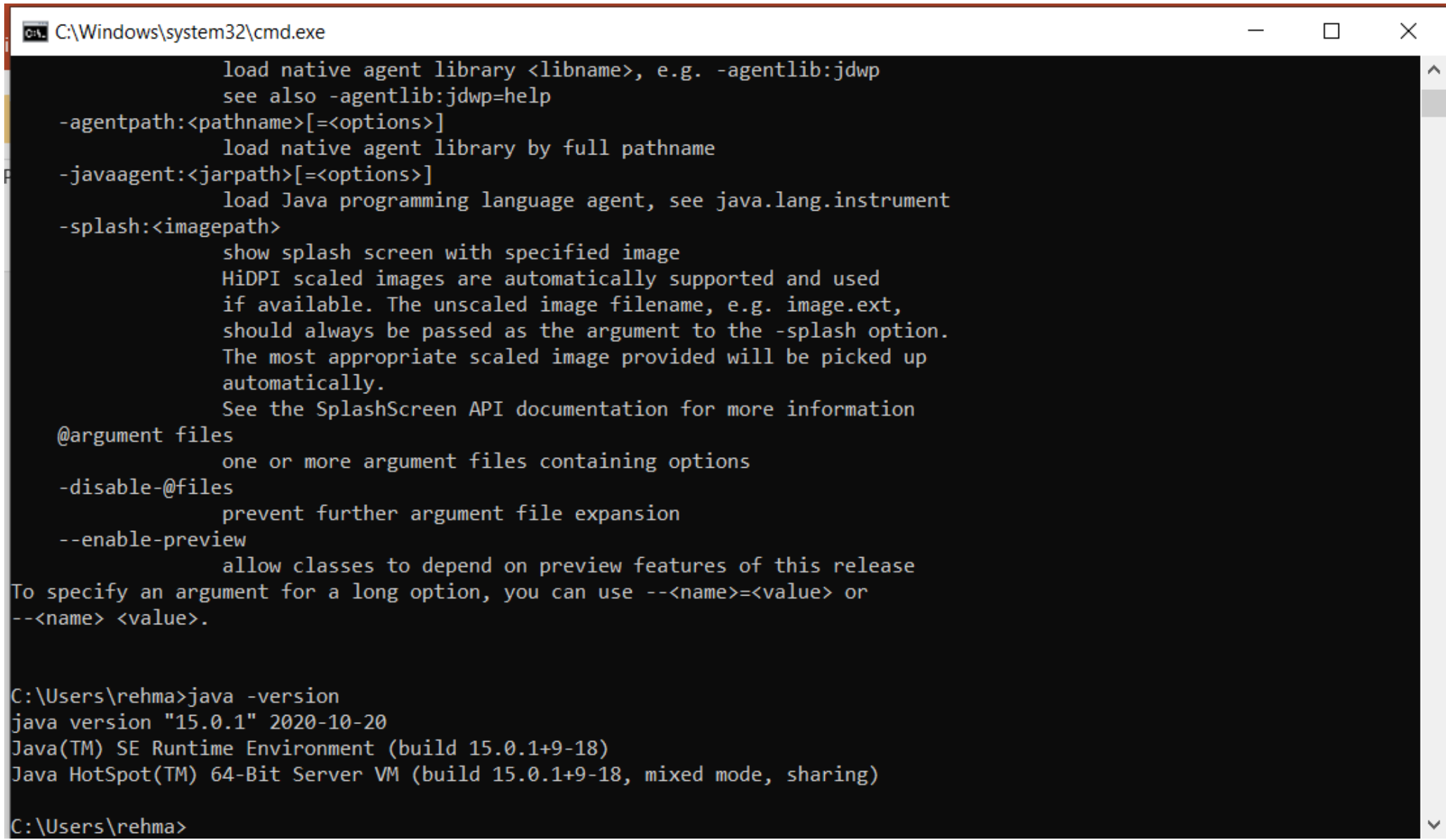


```
C:\Windows\system32\cmd.exe

-esa | -enablesystemassertions
        enable system assertions
-dsa | -disablesystemassertions
        disable system assertions
-agentlib:<libname>[=<options>]
        load native agent library <libname>, e.g. -agentlib:jdwp
        see also -agentlib:jdwp=help
-agentpath:<pathname>[=<options>]
        load native agent library by full pathname
-javaagent:<jarpath>[=<options>]
        load Java programming language agent, see java.lang.instrument
-splash:<imagepath>
        show splash screen with specified image
        HiDPI scaled images are automatically supported and used
        if available. The unscaled image filename, e.g. image.ext,
        should always be passed as the argument to the -splash option.
        The most appropriate scaled image provided will be picked up
        automatically.
        See the SplashScreen API documentation for more information
@argument files
        one or more argument files containing options
-disable-@files
        prevent further argument file expansion
--enable-preview
        allow classes to depend on preview features of this release
To specify an argument for a long option, you can use --<name>=<value> or
--<name> <value>.

C:\Users\rehma>
```

To check the version of JAVA type, `java -version`



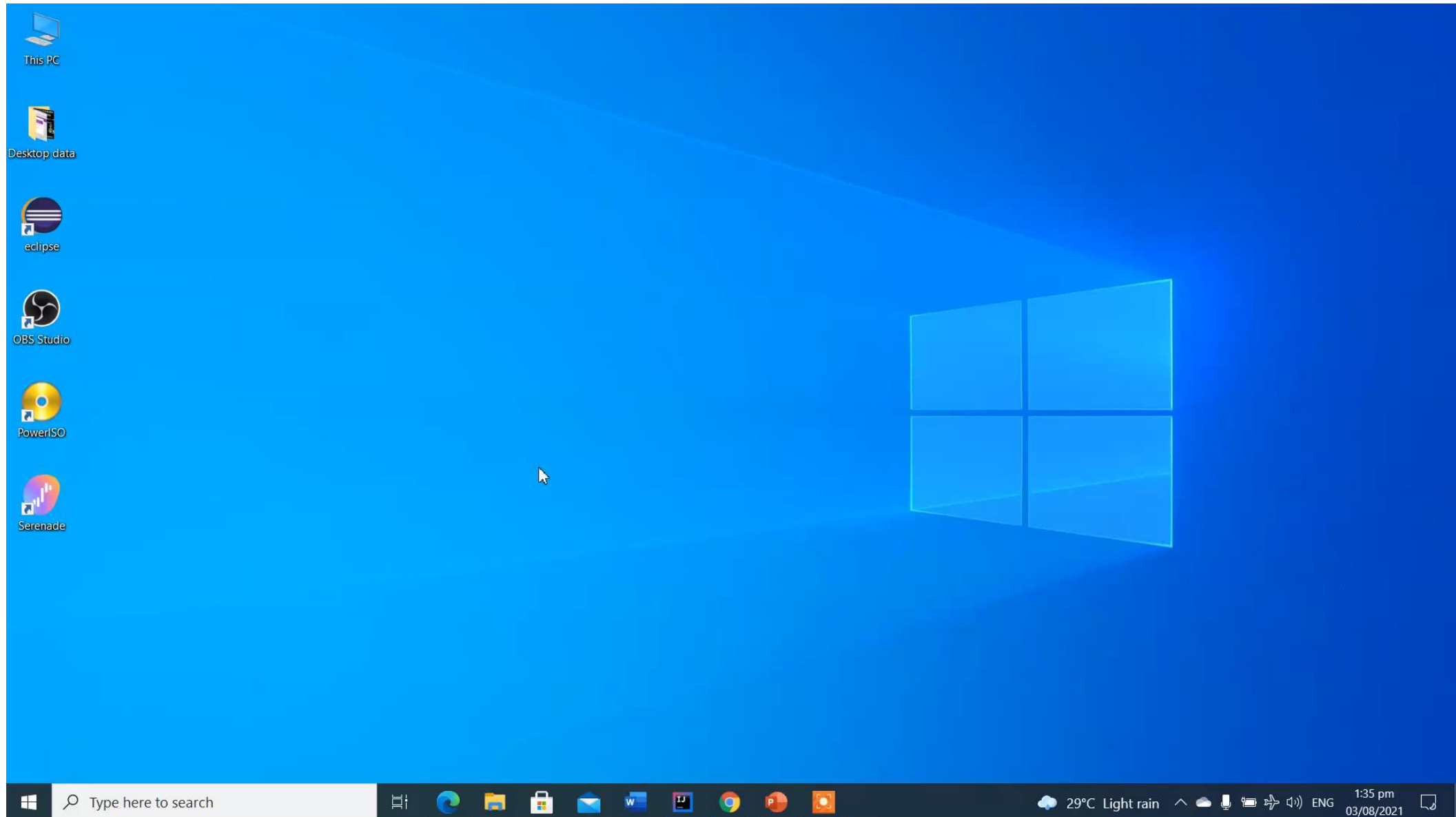
```
C:\Windows\system32\cmd.exe

    load native agent library <libname>, e.g. -agentlib:jdwp
    see also -agentlib:jdwp=help
-agentpath:<pathname>[=<options>]
    load native agent library by full pathname
-javaagent:<jarpath>[=<options>]
    load Java programming language agent, see java.lang.instrument
-splash:<imagepath>
    show splash screen with specified image
    HiDPI scaled images are automatically supported and used
    if available. The unscaled image filename, e.g. image.ext,
    should always be passed as the argument to the -splash option.
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--enable-preview
    allow classes to depend on preview features of this release
To specify an argument for a long option, you can use --<name>=<value> or
--<name> <value>.

C:\Users\rehma>java -version
java version "15.0.1" 2020-10-20
Java(TM) SE Runtime Environment (build 15.0.1+9-18)
Java HotSpot(TM) 64-Bit Server VM (build 15.0.1+9-18, mixed mode, sharing)

C:\Users\rehma>
```

Watch video for Set the path of JAVA



What we have learn from this exercise?

- Download JDK file from Website.
- Installation in PC.
- Run java though CMD.
- Check Version though CMD.
- How to set Java Path in Environment Variable.