

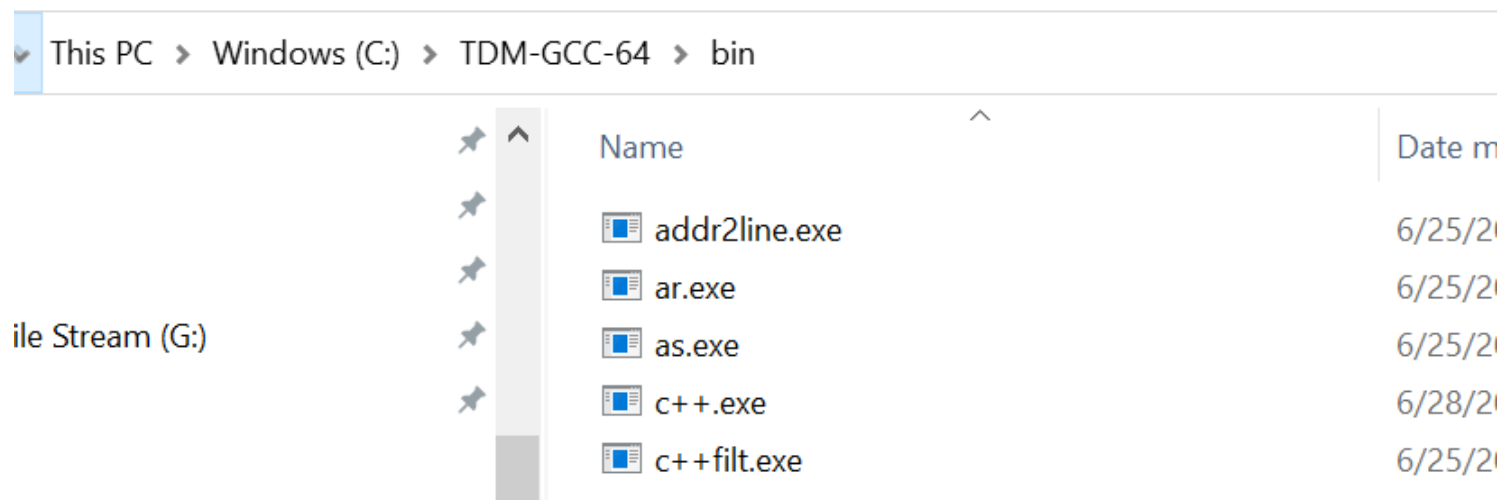
# OpenMPTraining with Eclipse: Installation Instructions on Windows

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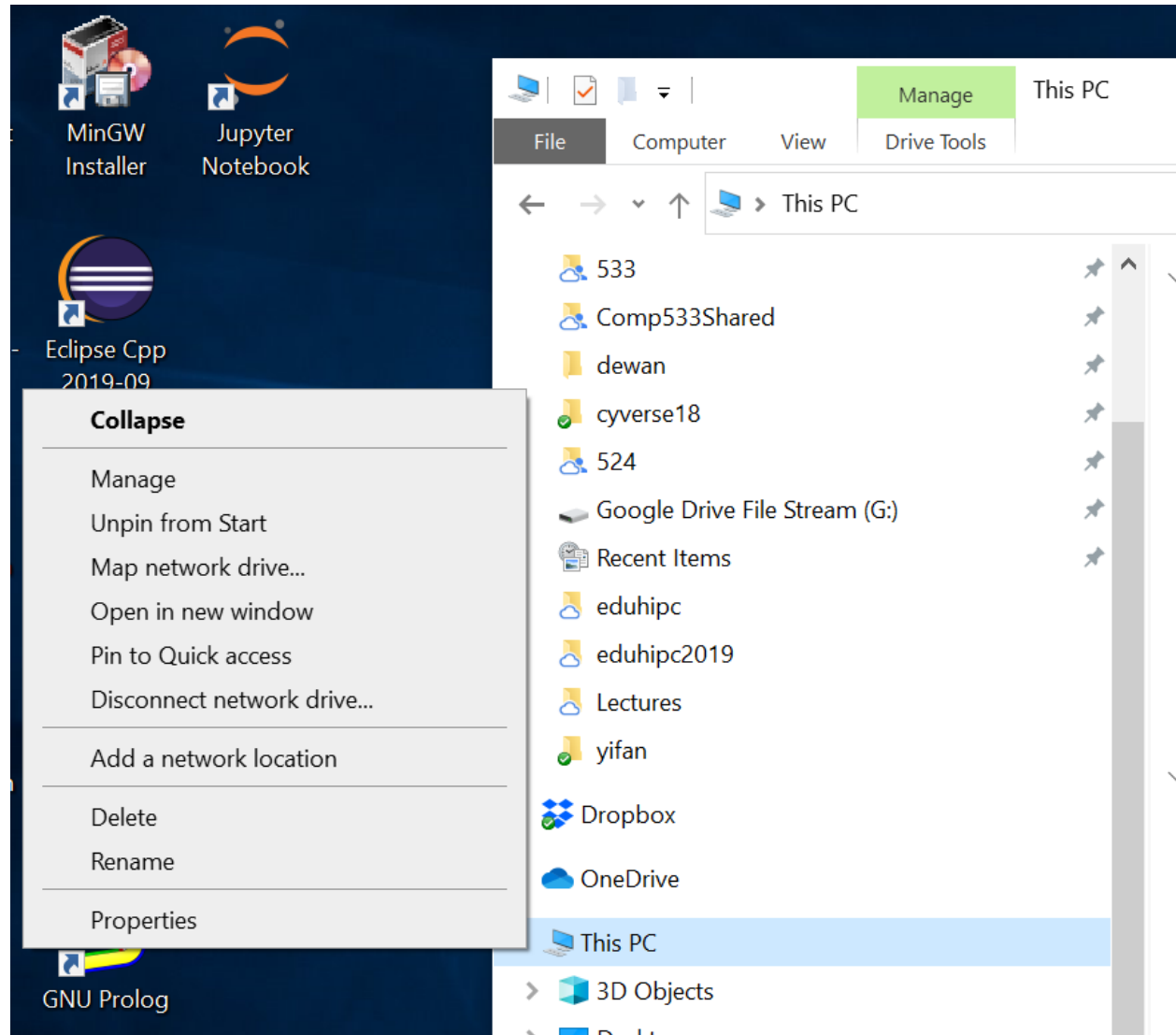
- [Setting up the C++ development environment](#)
- [Setting Up the Eclipse C++ Environment](#)
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# Install TDM-GCC

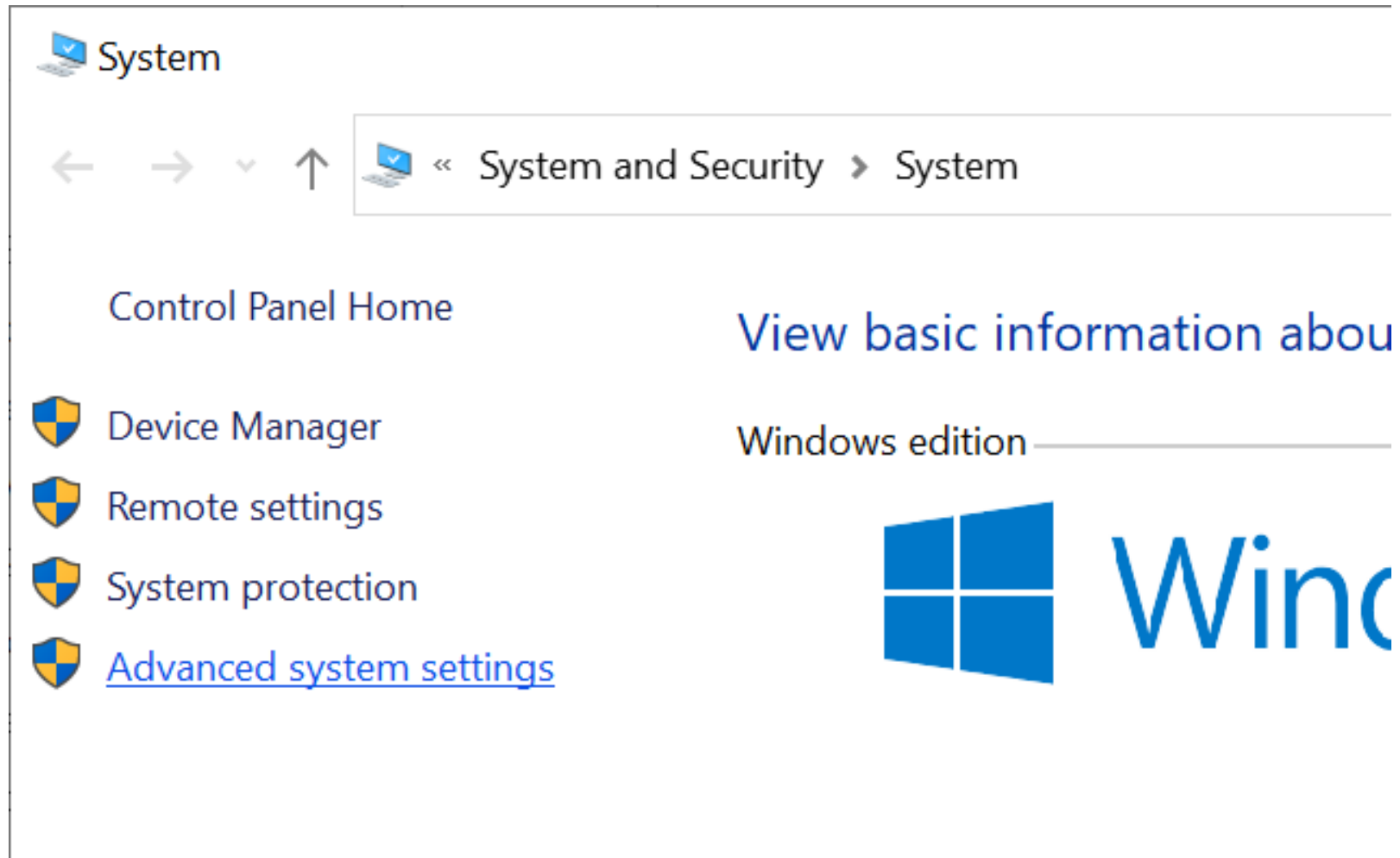
- Download the TDM-GCC zip and extract it.
- In the examples below, we will assume it is extracted into: C:\TDM-GCC-64
- Keep the location of bin sub folder of the extracted folder.
  - In the examples below we will assume it is: **C:\TDM-GCC-64\bin**



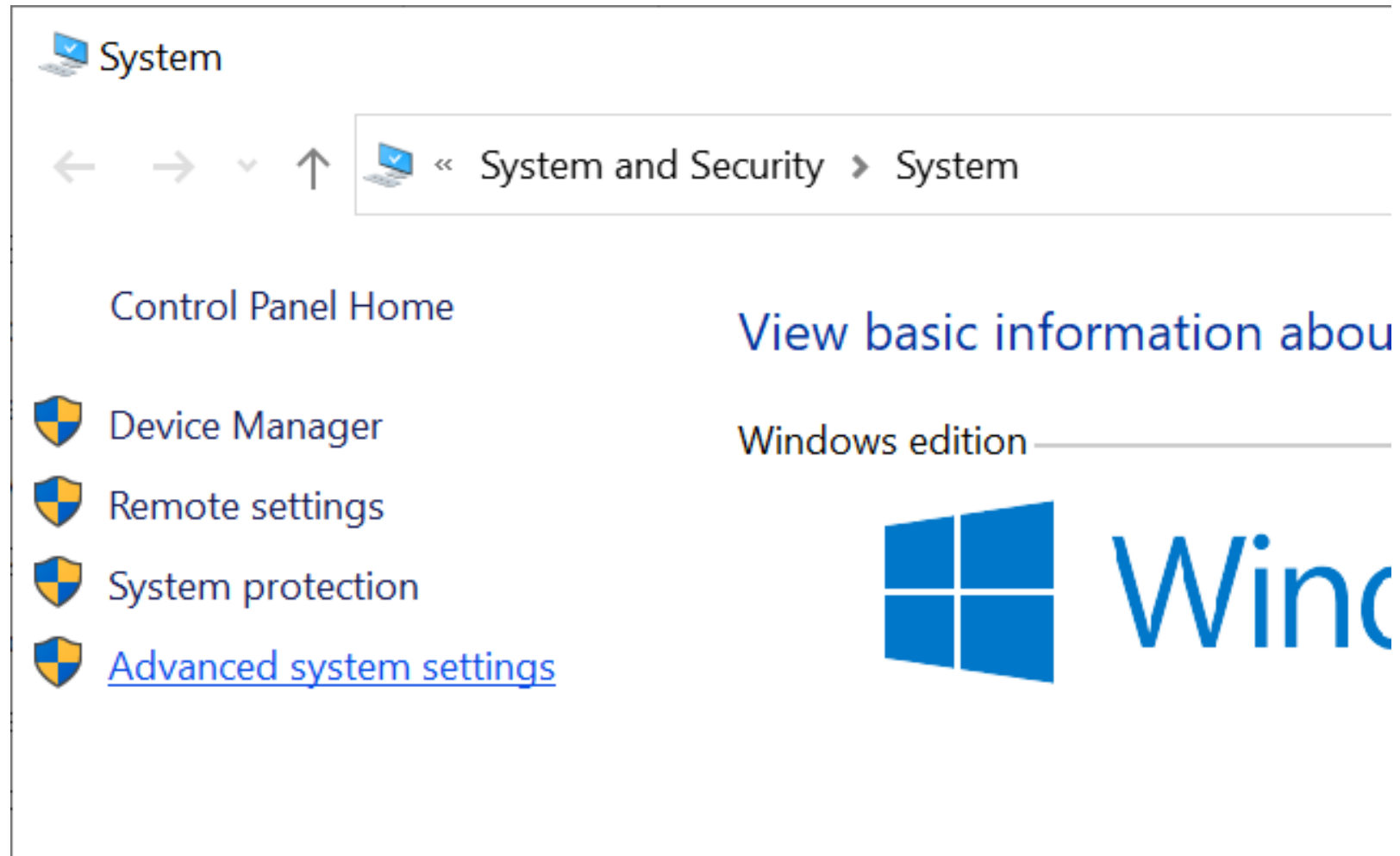
# Change Path: This PC → Properties (Right Click)



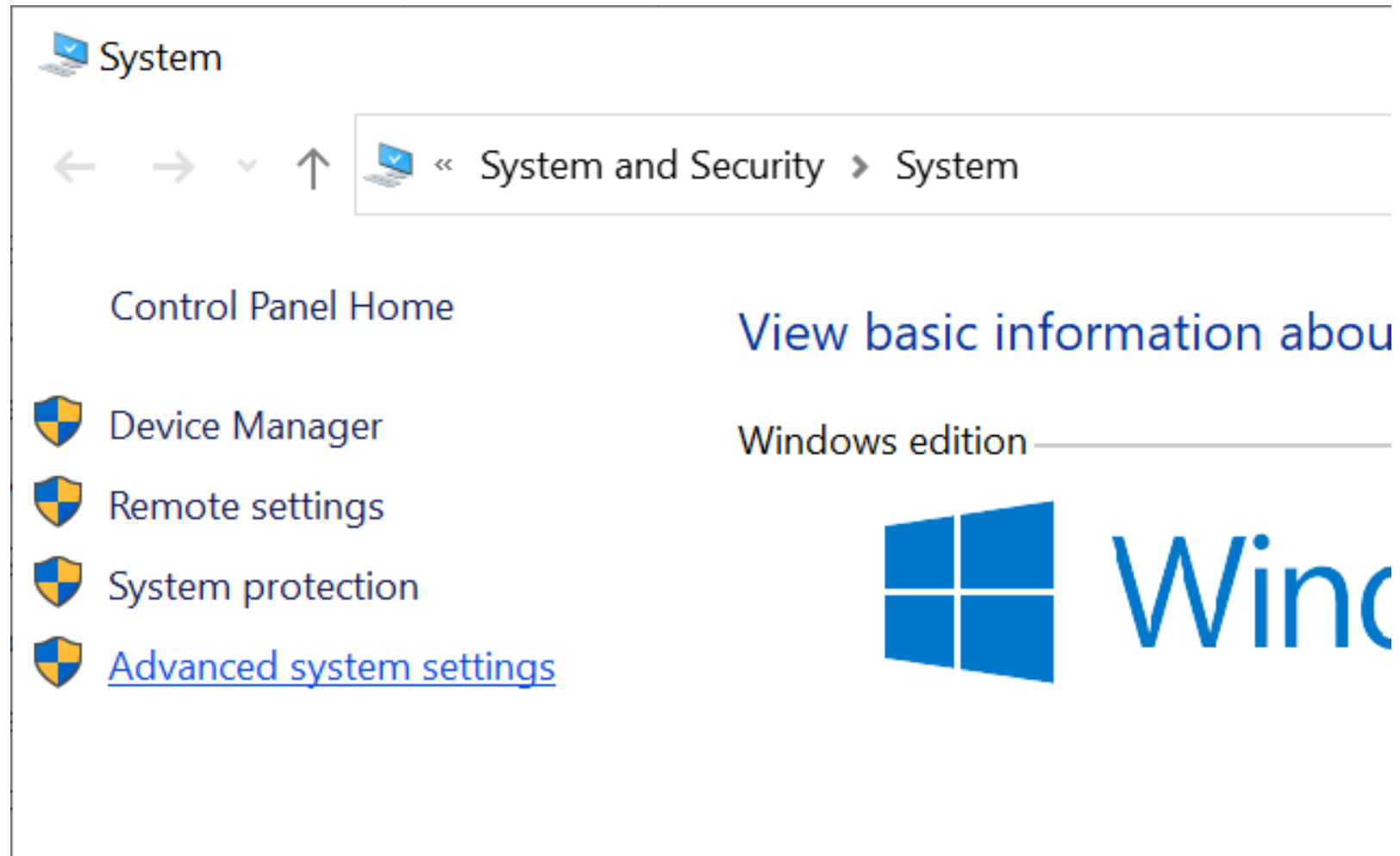
# Change Path: Got to Advanced System Settings



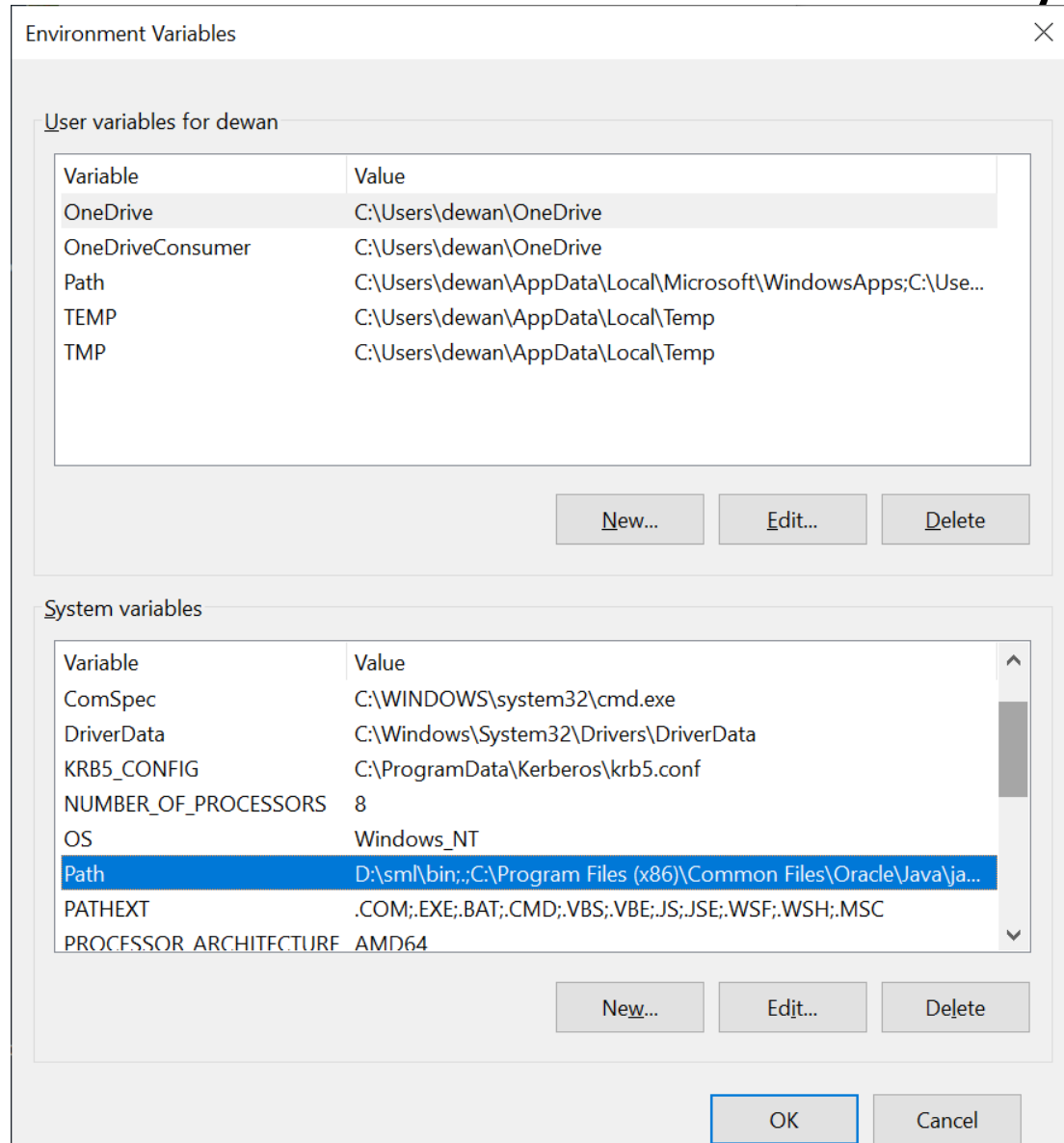
# Change Path: Go to Environment Variables



# Change Path: Go to Environment Variables



# Change Path: Select Path in System Variables





# Change Path: Select Path and Execute Edit

OneDriveConsumer	C:\Users\dewan\OneDrive
Path	C:\Users\dewan\AppData\Local\Microsoft\WindowsApps;C:\Use...
TEMP	C:\Users\dewan\AppData\Local\Temp
TMP	C:\Users\dewan\AppData\Local\Temp

New...

Edit...

Delete

System variables

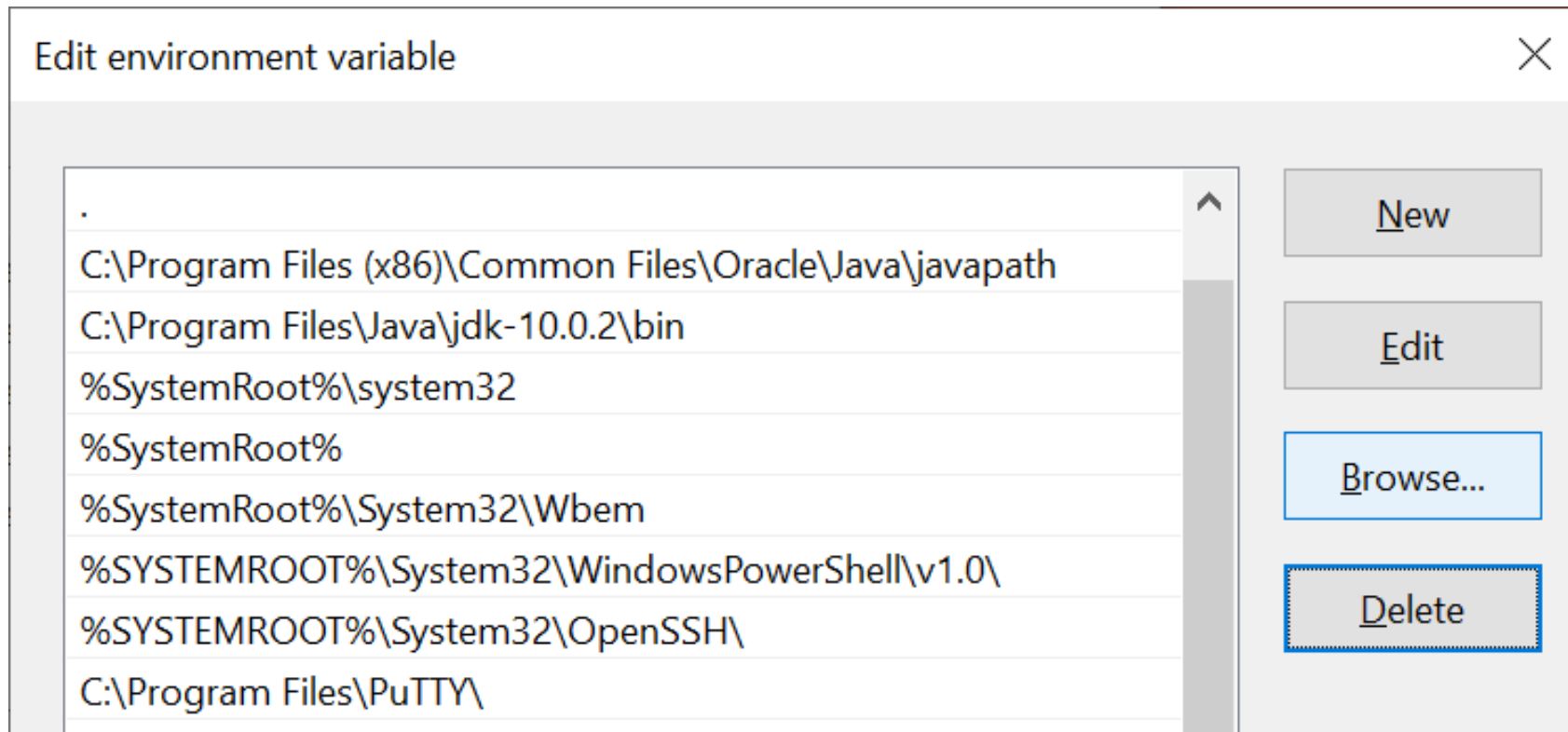
Variable	Value
ComSpec	C:\WINDOWS\system32\cmd.exe
DriverData	C:\Windows\System32\Drivers\DriverData
KRB5_CONFIG	C:\ProgramData\Kerberos\krb5.conf
NUMBER_OF_PROCESSORS	8
OS	Windows_NT
Path	D:\sml\bin;.;C:\Program Files (x86)\Common Files\Oracle\Java\ja...
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PROCESSOR_ARCHITECTURE	AMD64

New...

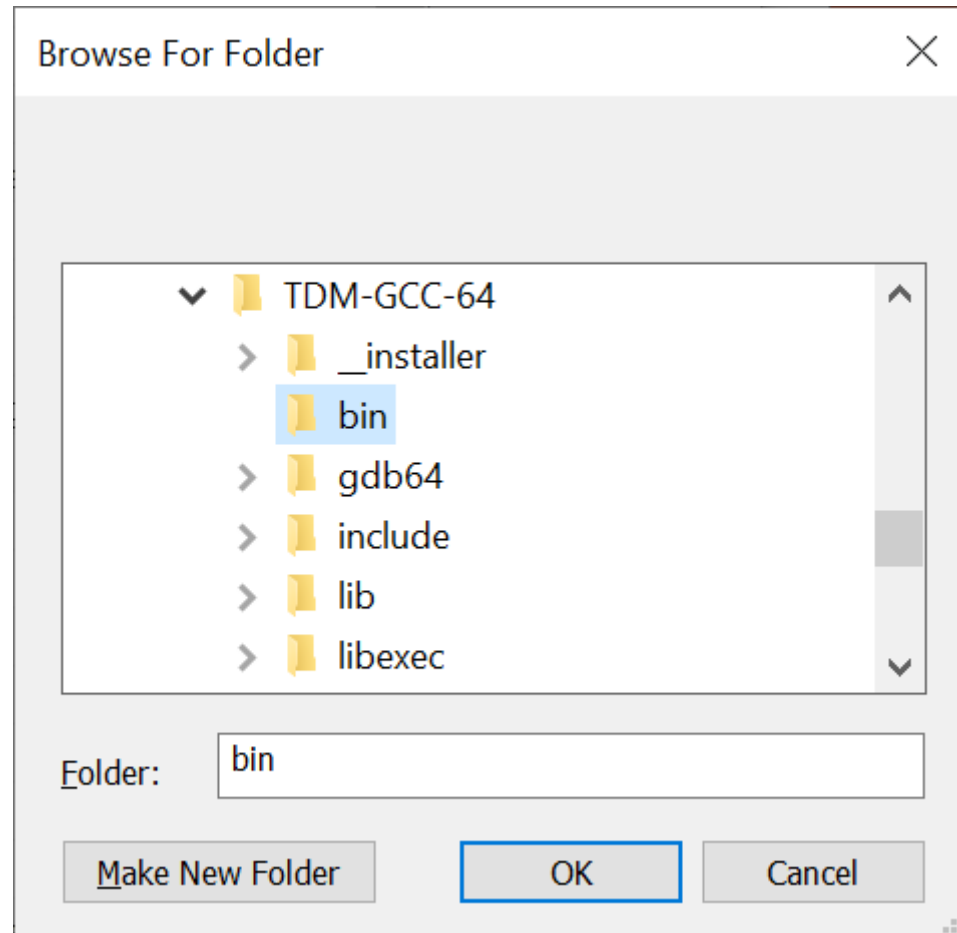
Edit...

Delete

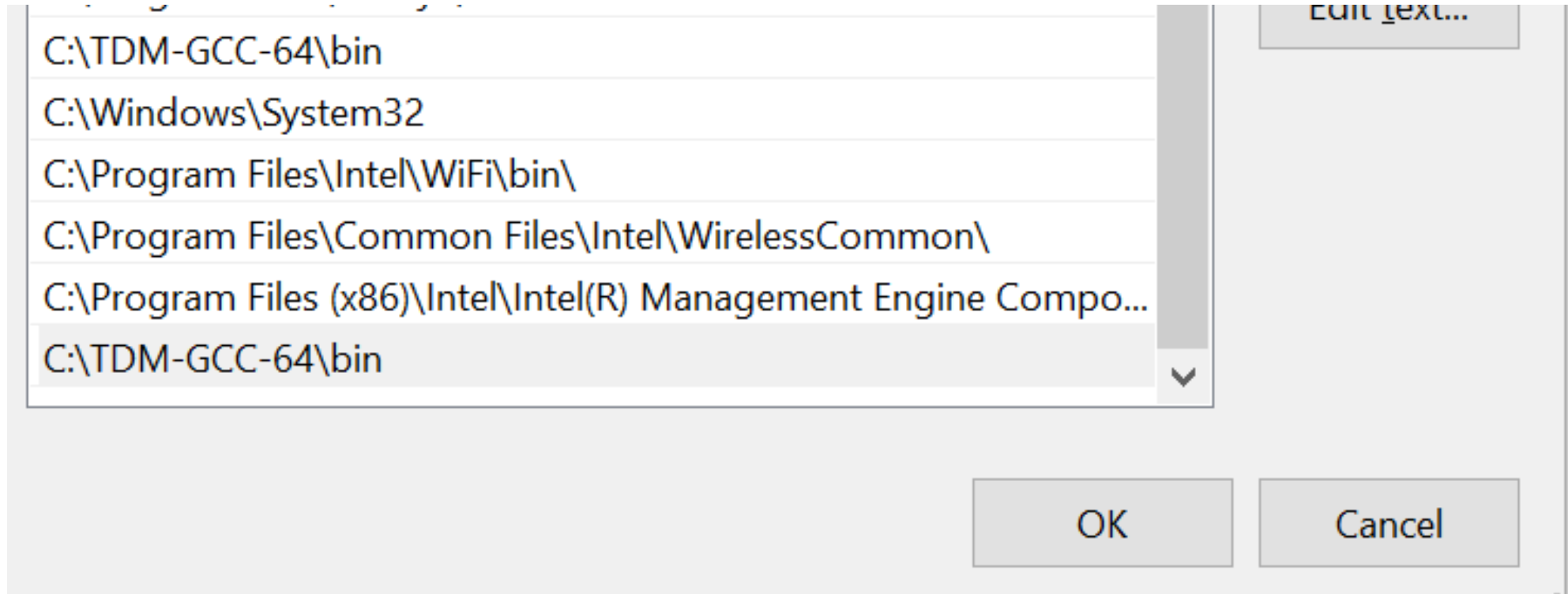
# Change Path: Execute Browse



# Change Path: Select the bin directory



Change Path: The directory should appear at the bottom




Change Path: Press OK and then Apply


# Eclipse C++ Support

# If you already have Eclipse

- Choose Help → Eclipse Marketplace
- Find: CDT
- Choose the following and press Install and then restart Eclipse


**Eclipse C/C++ IDE CDT 9.4 (Oxygen.2)**



Eclipse CDT (C/C++ Development Tooling) <http://eclipse.org/cdt/> is top level Eclipse Foundation. Get it as standalone Eclipse IDE for C/C++ Developers... 

by [Eclipse CDT](#), EPL

[c c++ CDT fileExtension c fileExtension cpp ...](#)

★ 176  Installs: **186K** (2,456 last month)

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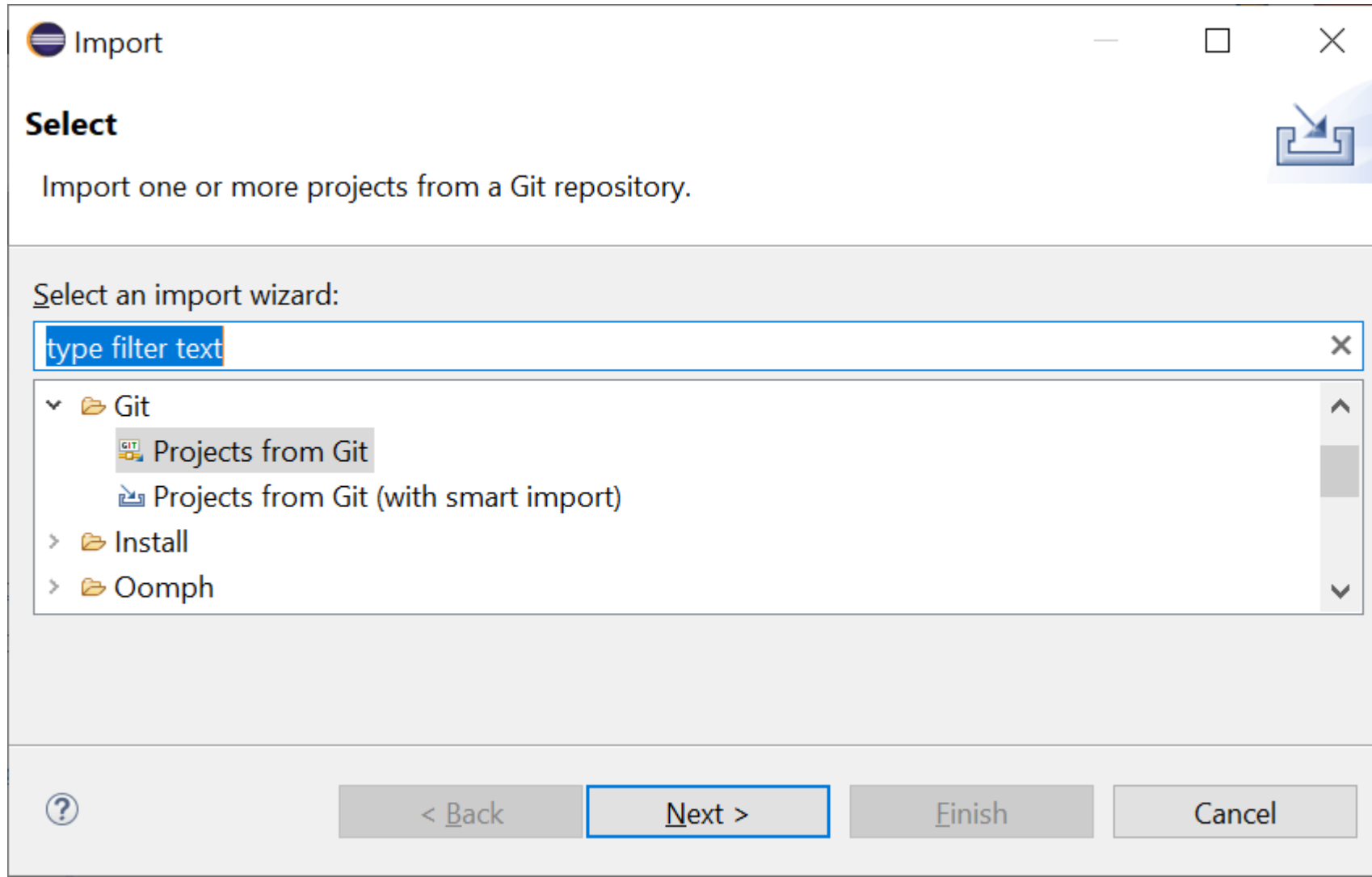
# If you already do not have Eclipse

- Search for Eclipse C++ download
- Download the windows installer for 64 bit
- Choose C++ when installing

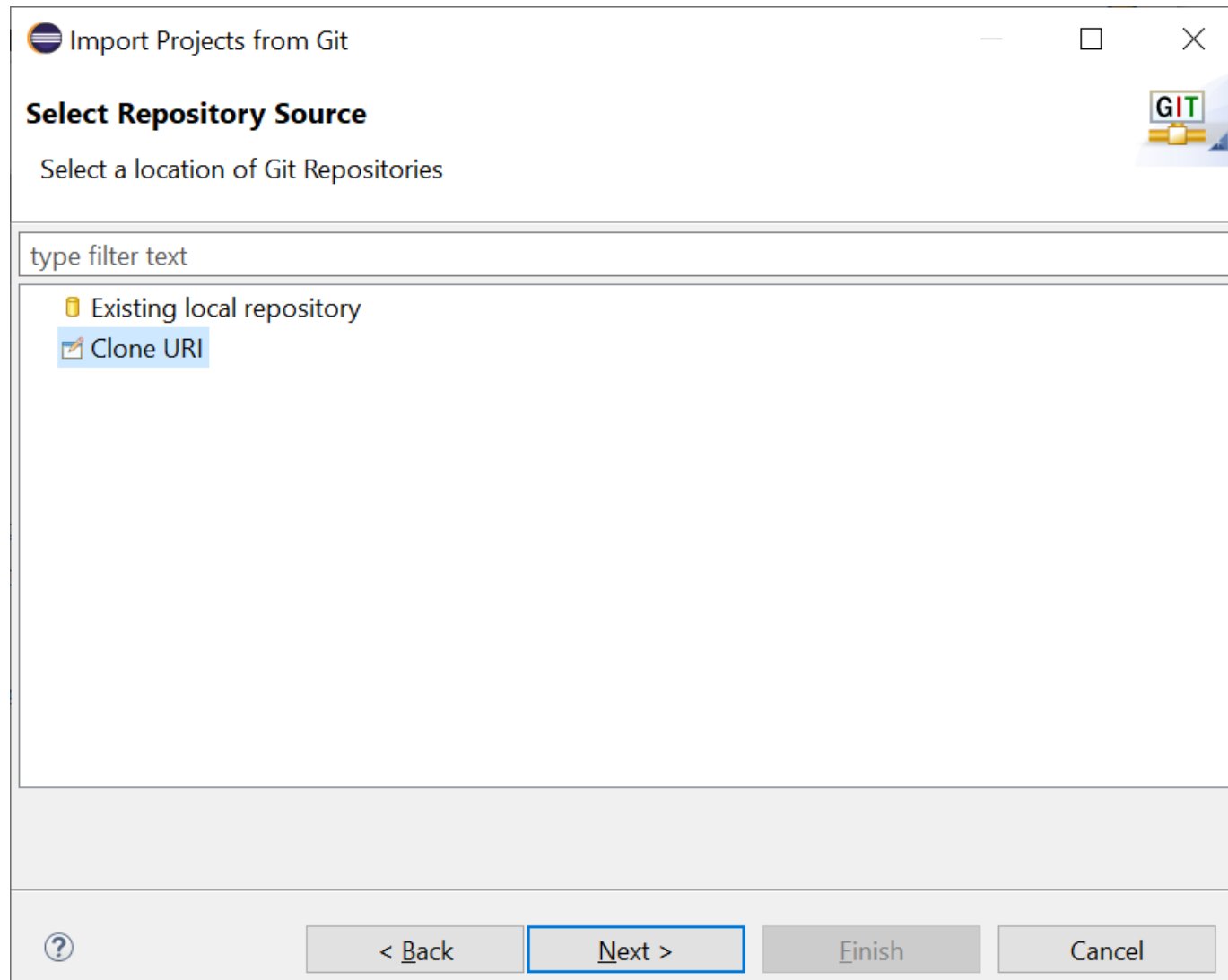


# Import Git Project:

ExecuteFile → Import → Git → Projects from GIT



# Import Git Project: CloneURI



# Import Git Project: CloneURI

## Source Git Repository

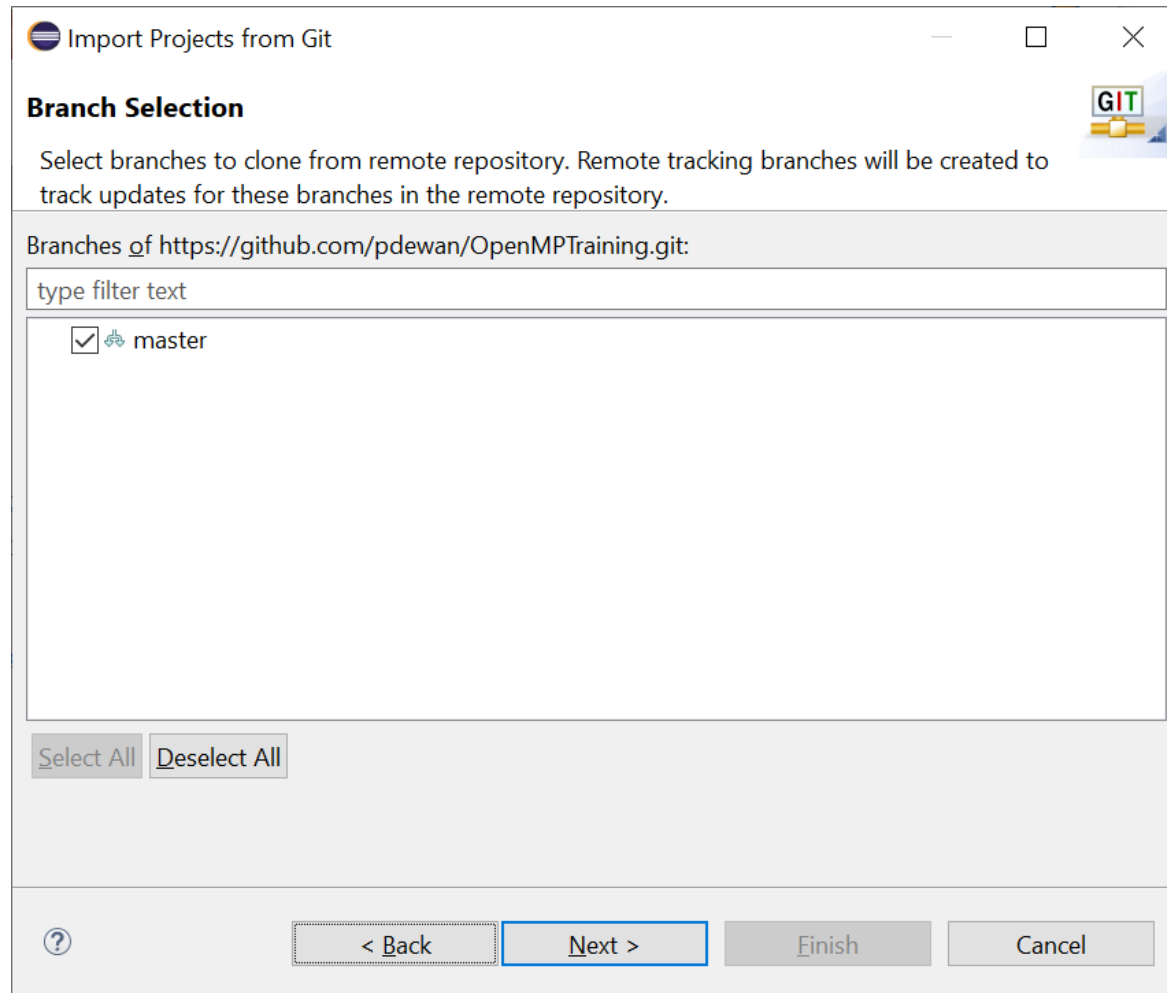
Enter the location of the source repository.



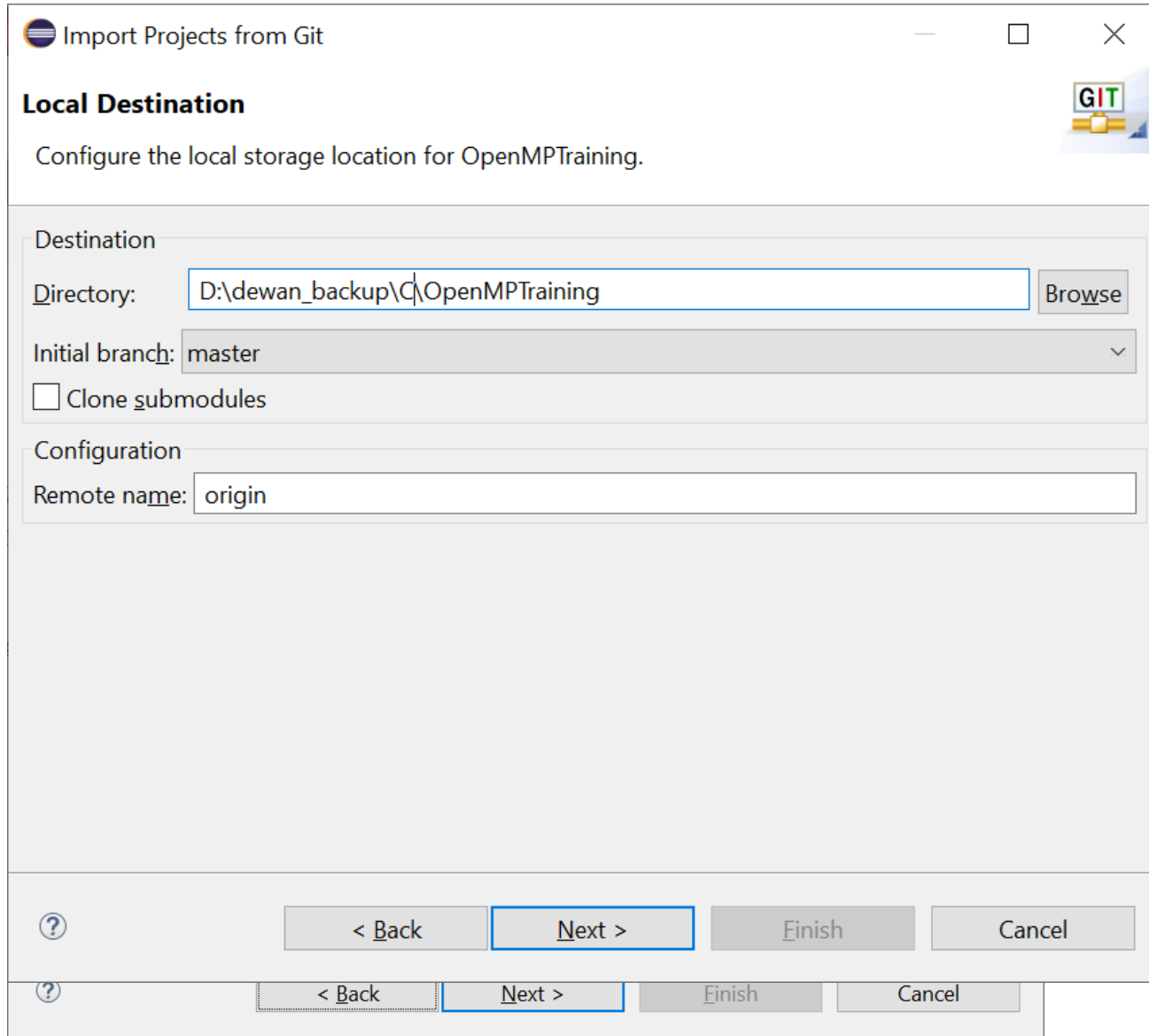
Location	
URI:	<input type="text" value="https://github.com/pdewan/OpenMPTraining.git"/> <input data-bbox="1332 686 1444 715" type="button" value="Local File..."/>
Host:	<input type="text" value="github.com"/>
Repository path:	<input type="text" value="/pdewan/OpenMPTraining.git"/>

`https://github.com/pdewan/OpenMPTraining.git`

# Import Git Project: Select Branch



# Import Git Project: Save in Local Directory



**Import Projects from Git**

**Local Destination**

Configure the local storage location for OpenMPTraining.

**Destination**

Directory:

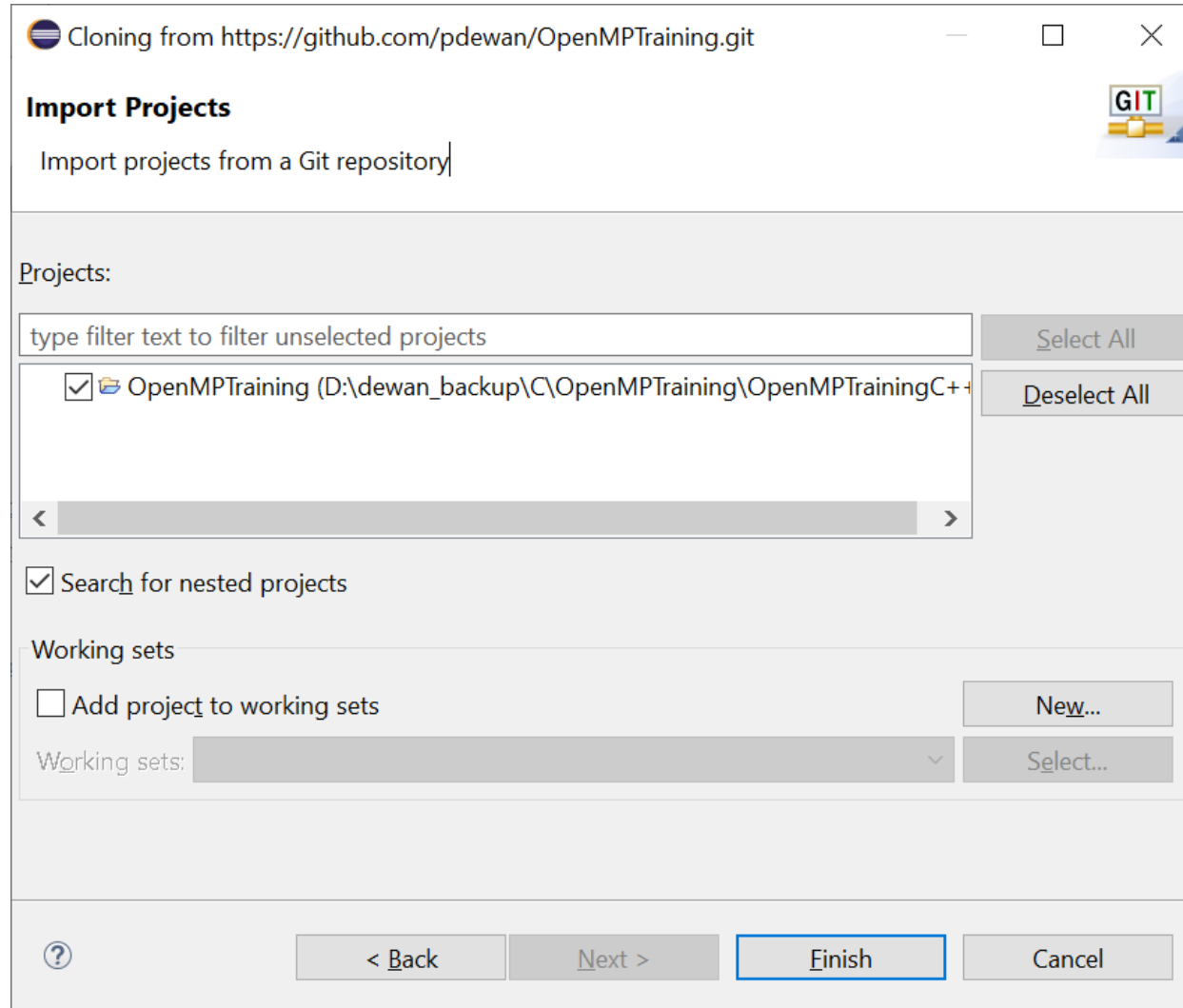
Initial branch:

☐ Clone submodules

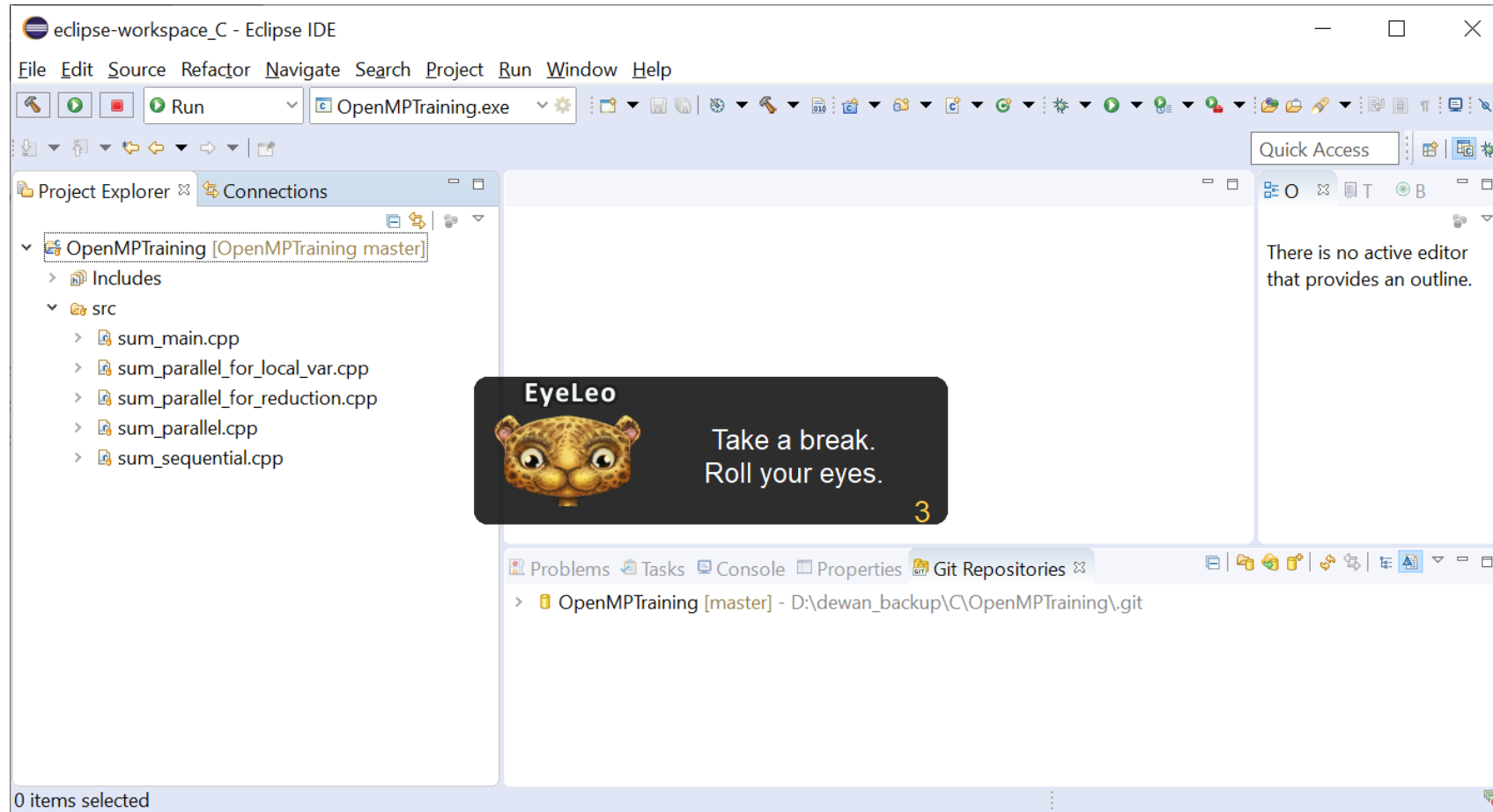
**Configuration**

Remote name:

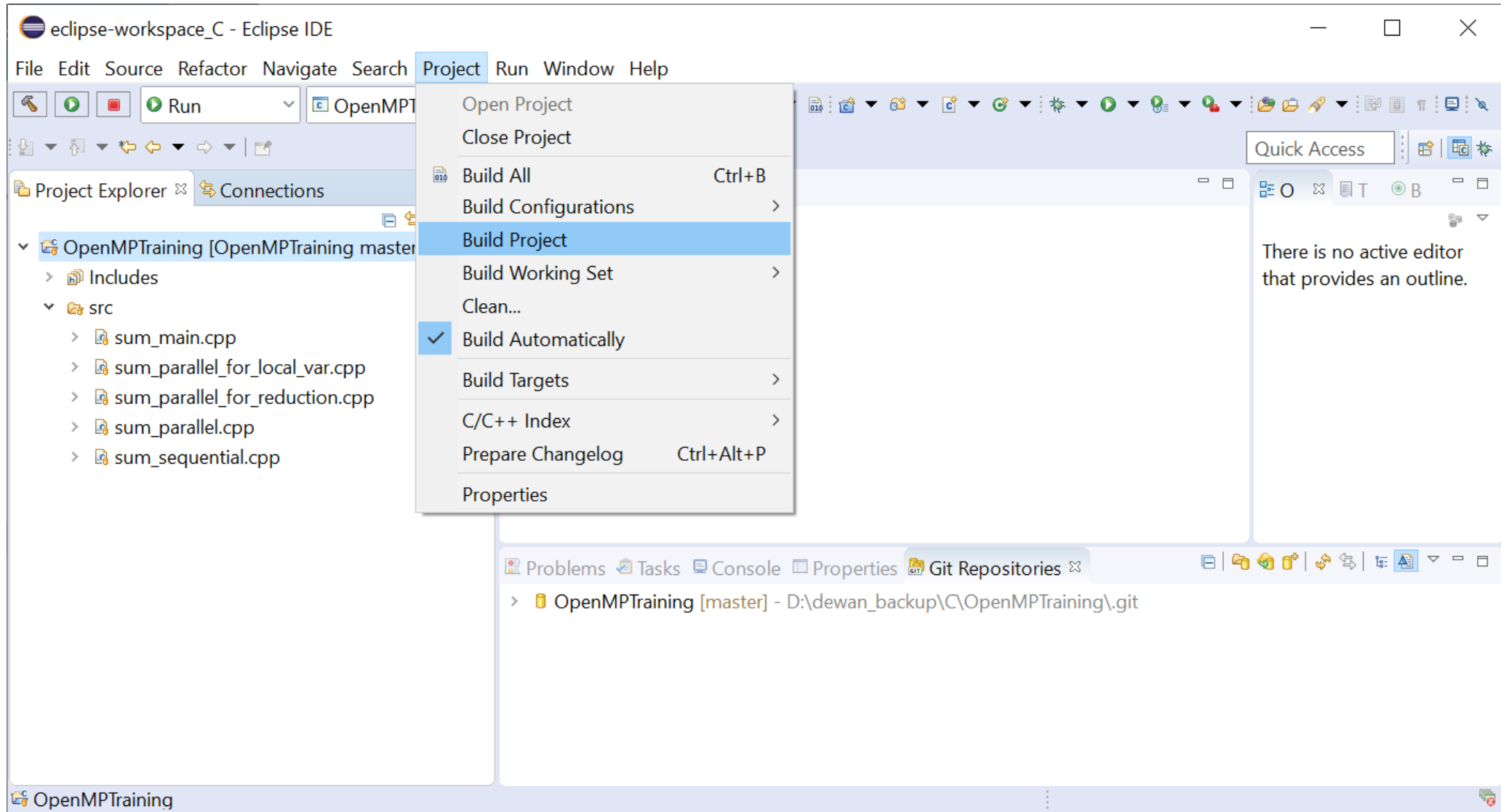
# Import Git Project: Select OpenMPTraining



# Import Git Project: Select Finish

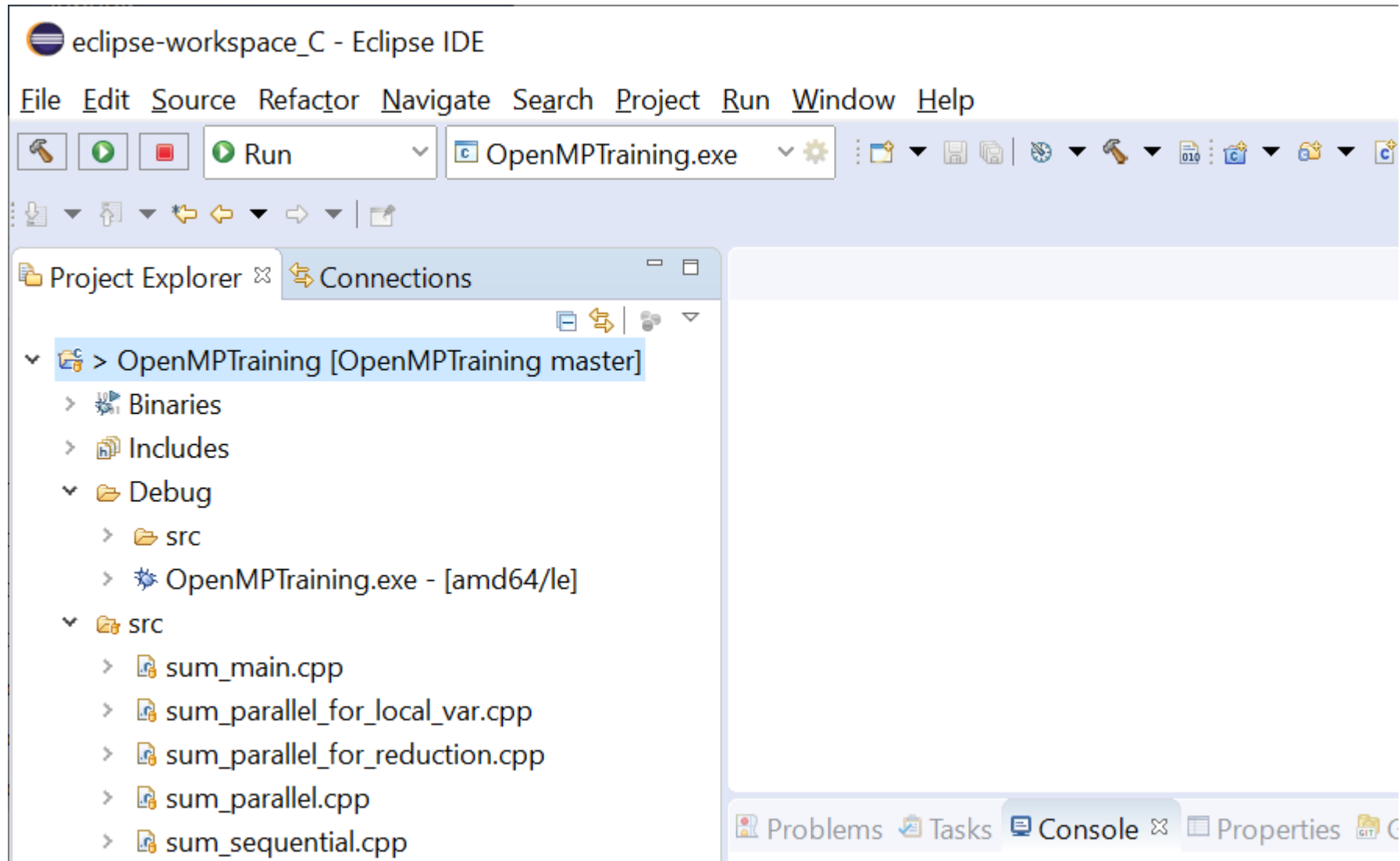


# Build Project

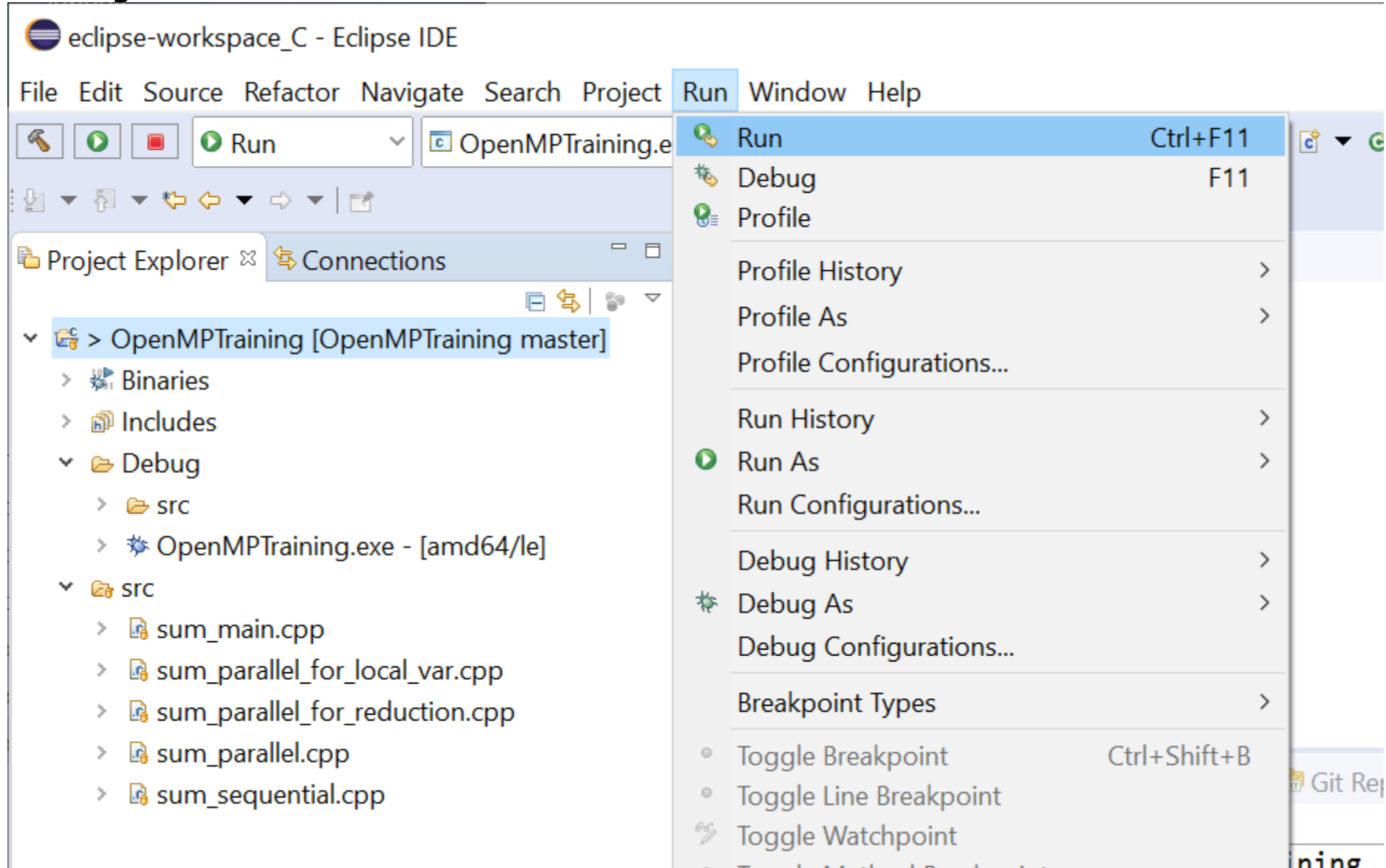




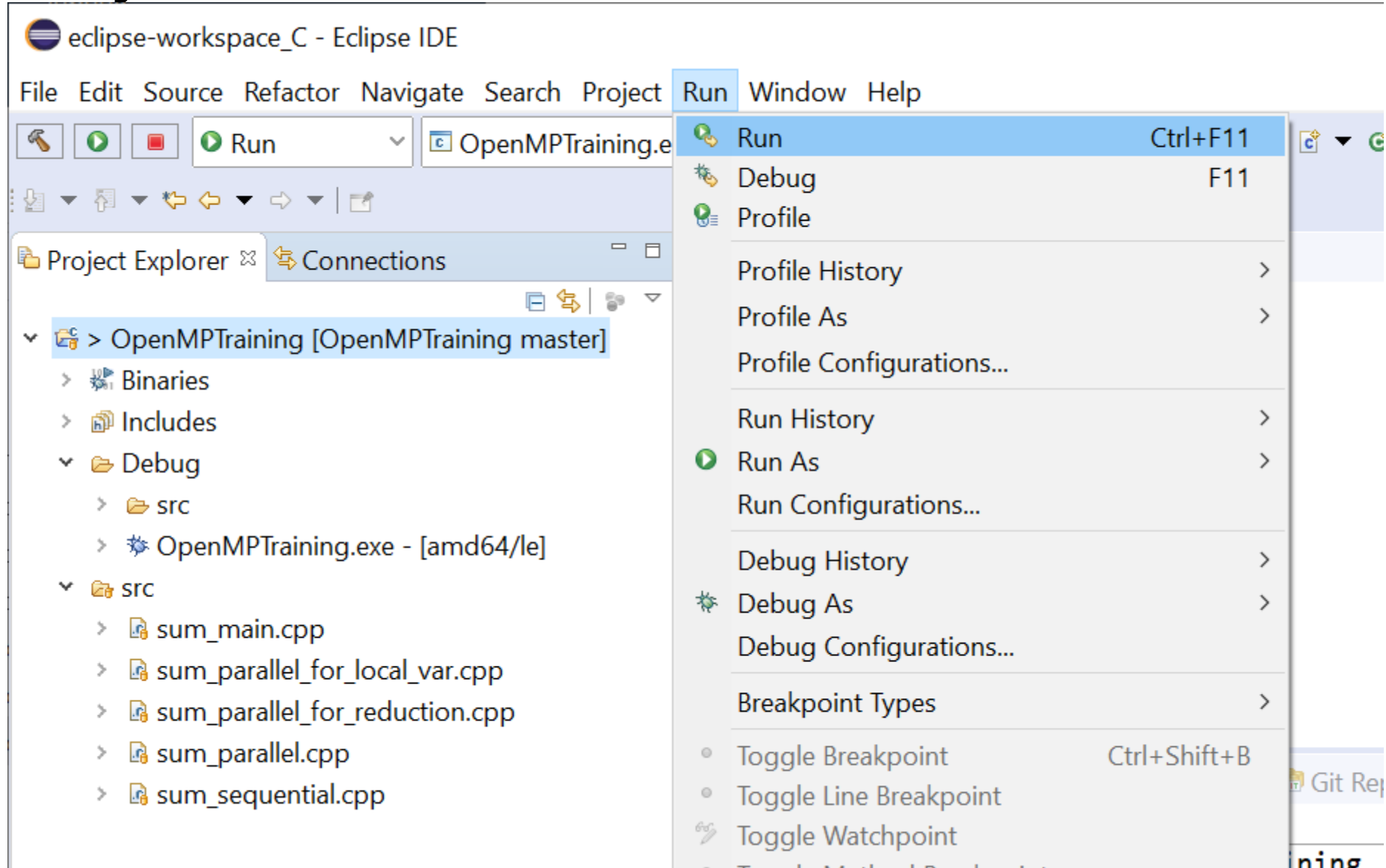
# Built Project



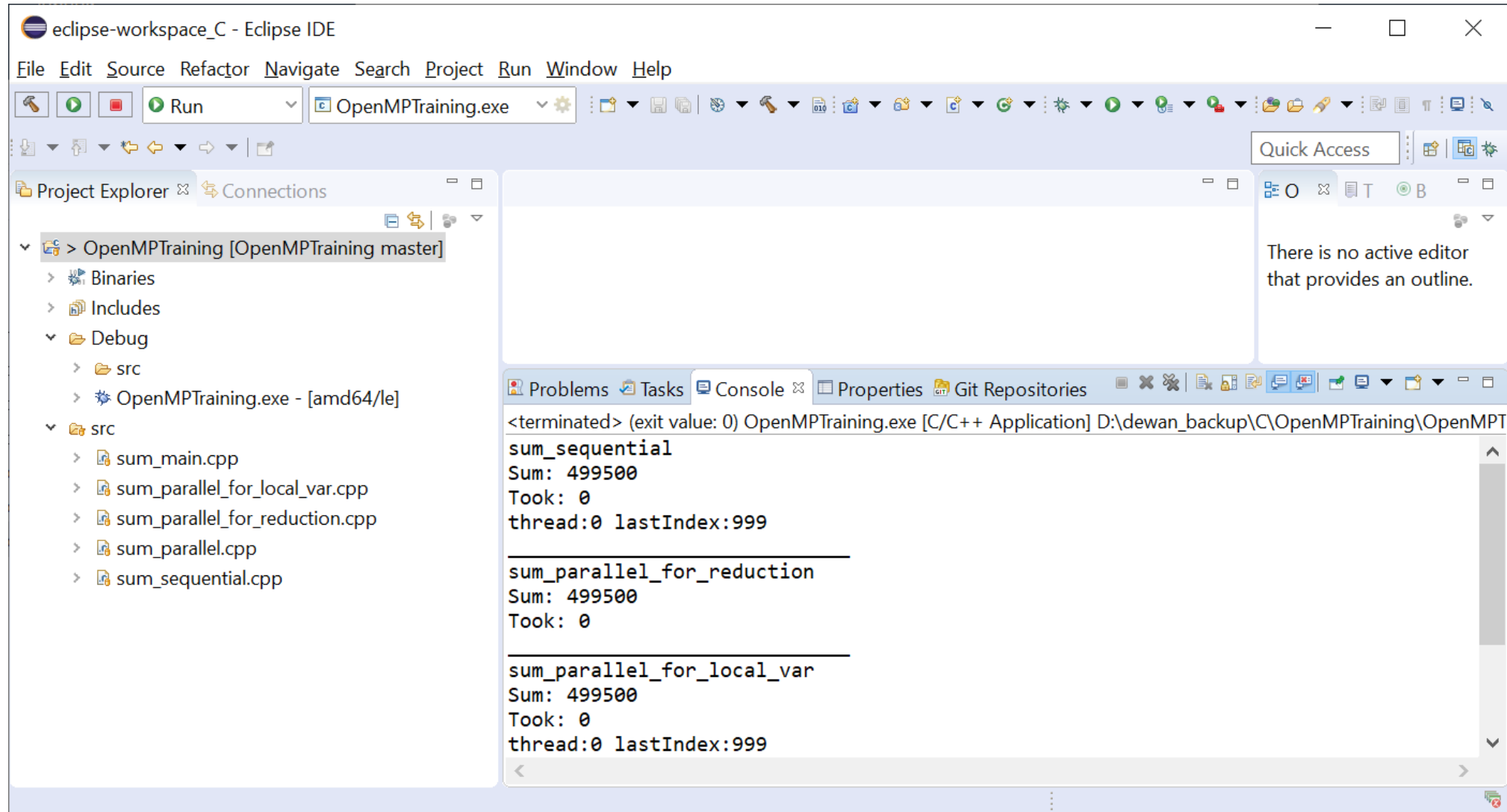
# Run Project



# Run Project



# Output



# Adding “Testing edit” and Running again

