

Matlab Installation on Linux

For Matlab2024a

For more detailed information and instructions about Matlab installation on Linux, please review the attached documents in the official installation package (Both English and Chinese versions are available) or the MathWorks official website ([Download and Install MATLAB \(mathworks.com\)](#)). This instruction is for Matlab2024a Linux version installation only.

System Requirements

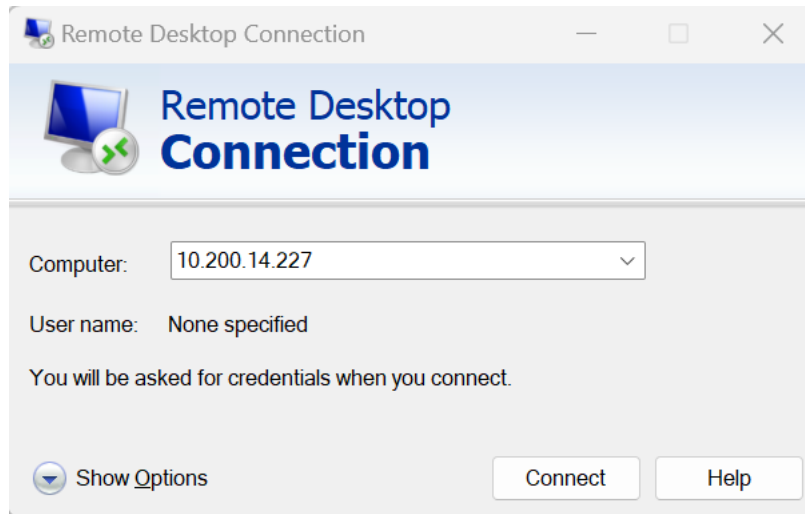
The system and hardware should meet the minimum requirements to install Matlab, please review the Math Works official website for updated information ([Linux System Requirements - MATLAB & Simulink \(mathworks.com\)](#)).

The following information is for reference:

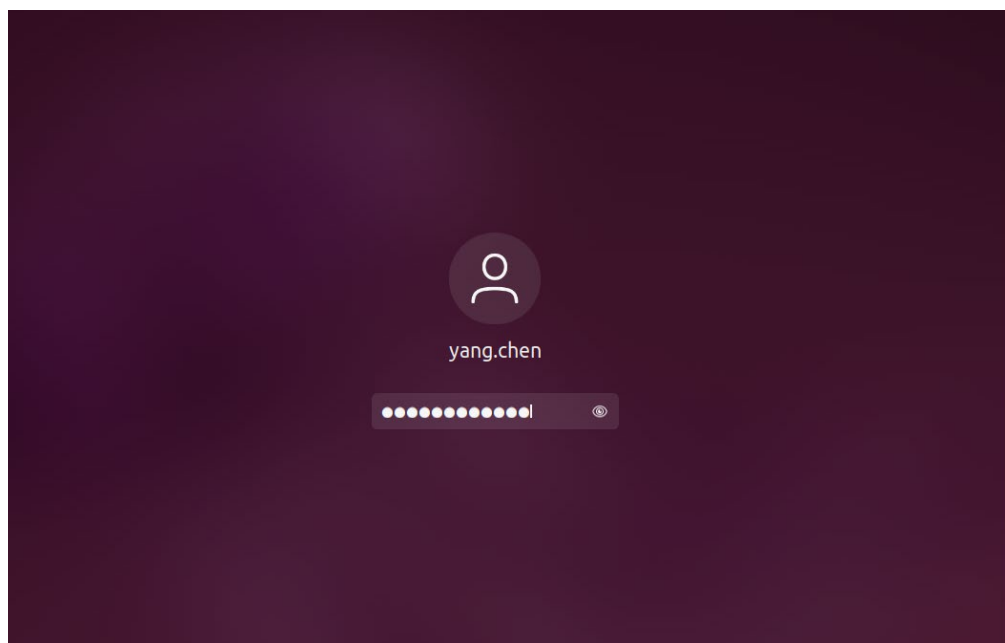
Distribution	Ubuntu 24.04 LTS Ubuntu 22.04 LTS Ubuntu 20.04 LTS Debian 12 Debian 11 Red Hat Enterprise Linux 9 Red Hat Enterprise Linux 8 (minimum 8.6) Red Hat Enterprise Linux 7 (minimum 7.9) SUSE Linux Enterprise Desktop 15 SUSE Linux Enterprise Server 15 Note: SUSE Enterprise Server 12 is no longer supported MATLAB R2024a is the final release to support Red Hat Enterprise Linux 7 and Debian 11
Processor	Minimum: Any Intel or AMD x86-64 processor with two or more cores Recommended: Any Intel or AMD x86-64 processor with four or more cores and AVX2 instruction set support Note: A future release of MATLAB will require a processor with AVX2 instruction set support
RAM	Minimum: 8 GB Recommended: 16 GB
Storage	3.8 GB for just MATLAB 4-6 GB for a typical installation 22 GB for an all products installation An SSD is strongly recommended
Graphics	No specific graphics card is required, but a hardware accelerated graphics card supporting OpenGL 3.3 with 1GB GPU memory is recommended. Use of vendor-supplied proprietary drivers is strongly recommended. GPU acceleration using Parallel Computing Toolbox requires a GPU with a specific range of compute capability. For more information, see GPU Computing Requirements .

Installation

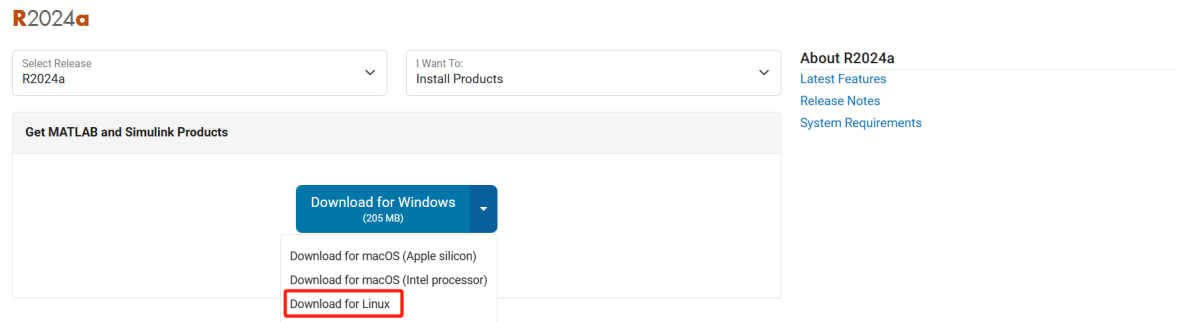
1. The GUI interface is needed for the Matlab installation on Linux, as you will need it to verify your Matlab license. You can simply use the “Remote Desktop Connection” on your computer to connect to the server, as shown in the figure below.



2. Enter the server's IP address and use your username and password to connect and log into the server.



3. Download or upload the Matlab installation package to the server. The Matlab installation package can be downloaded from the Math Works official website (Select the Linux version)



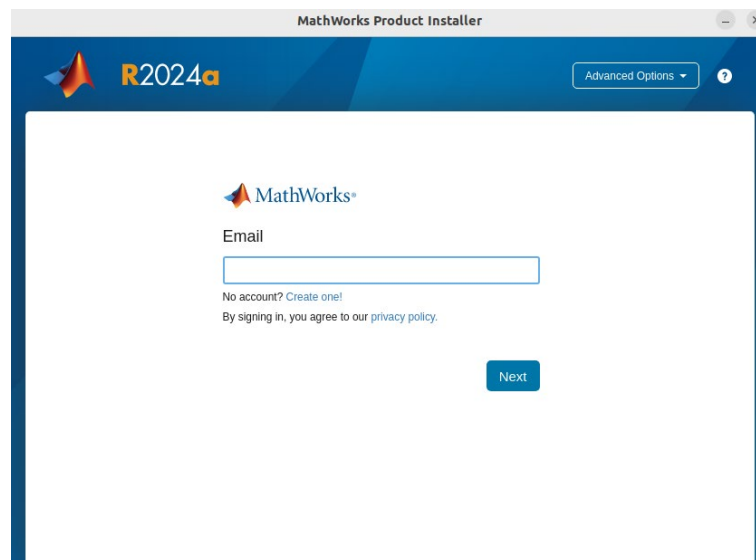
4. Use the following command to unzip the installer file and navigate to the installer folder.

```
unzip matlab_R20XXy_Linux.zip -d ./matlab_R20XXy_Linux
cd ./matlab_R20XXy_Linux
```

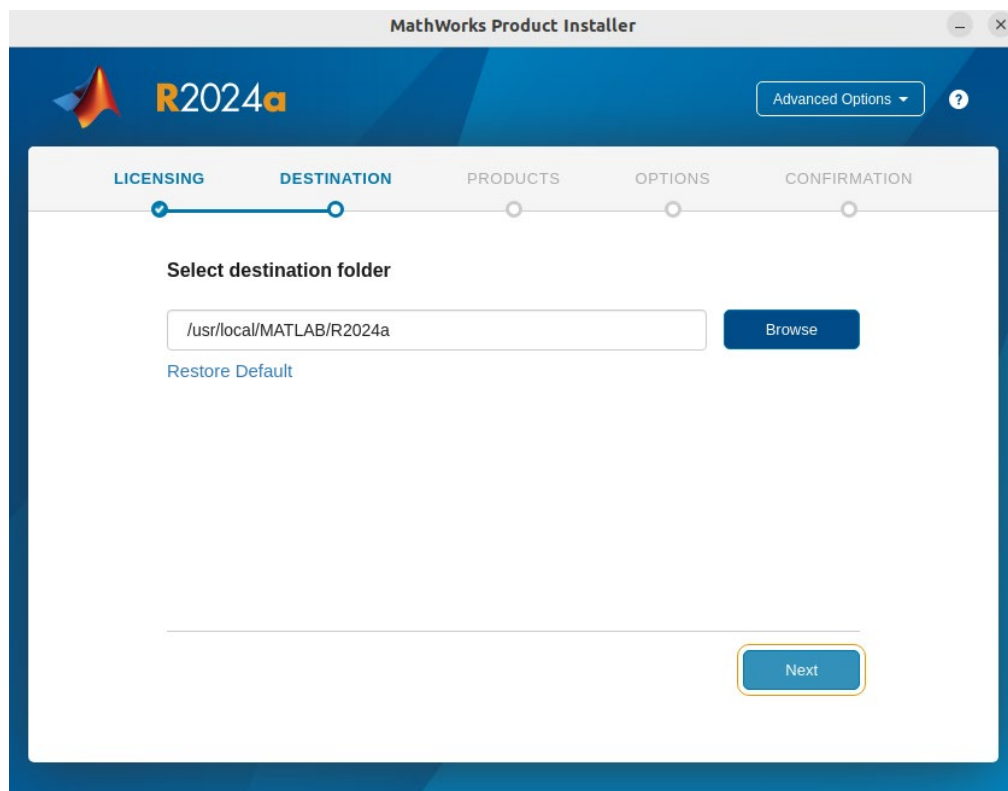
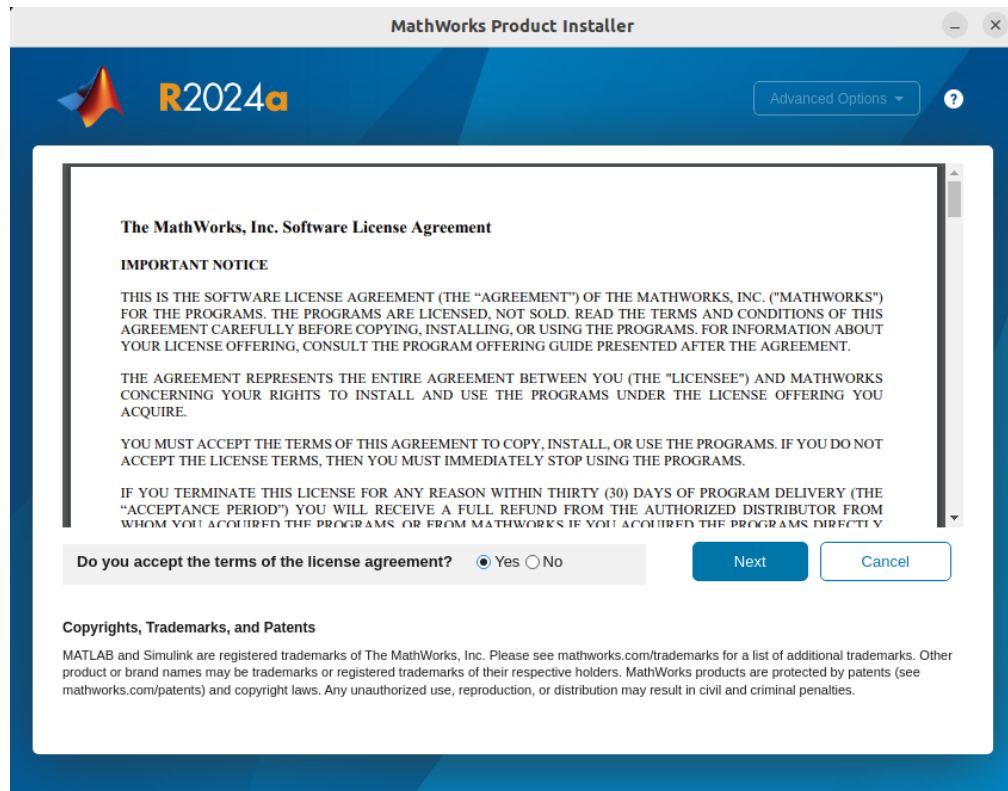
5. In the installation folder, run the install script and follow the prompts to complete the installation. Use the following command to run the install script. (If you failed to continue the installation because the installer cannot connect to the Mathworks, please re-configure (unset) the proxy settings, if the problem still exists, please contact the administrator)

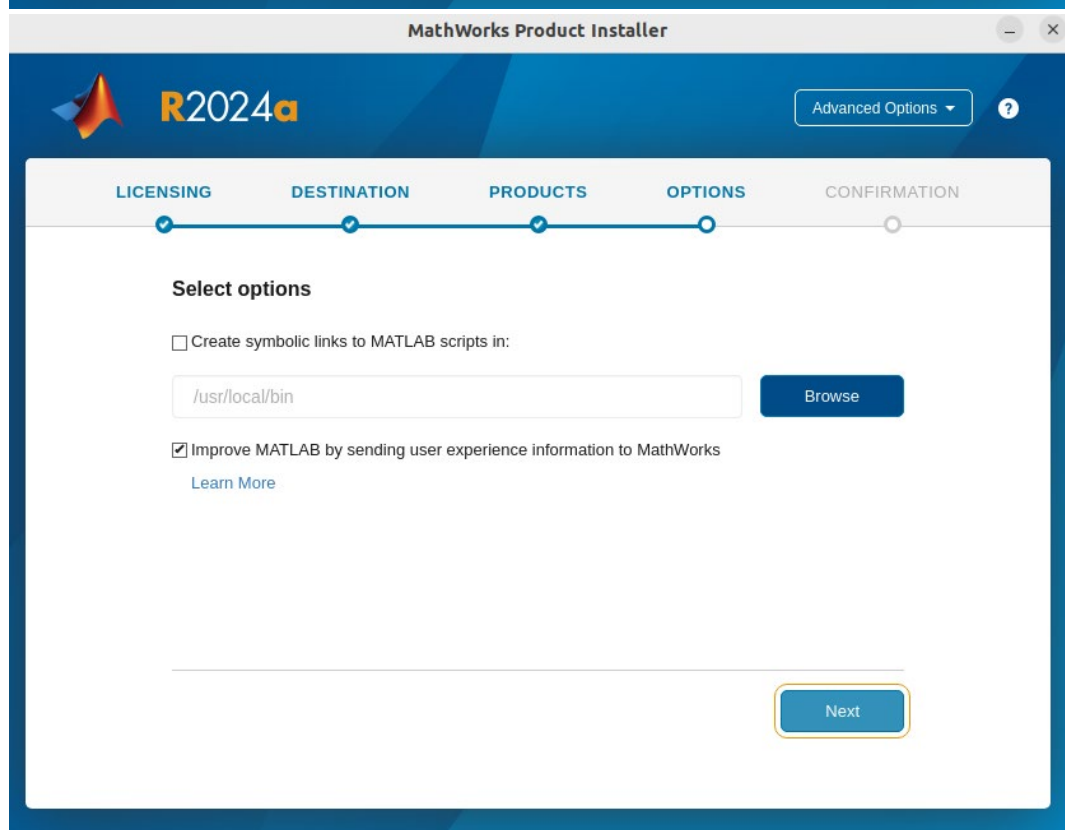
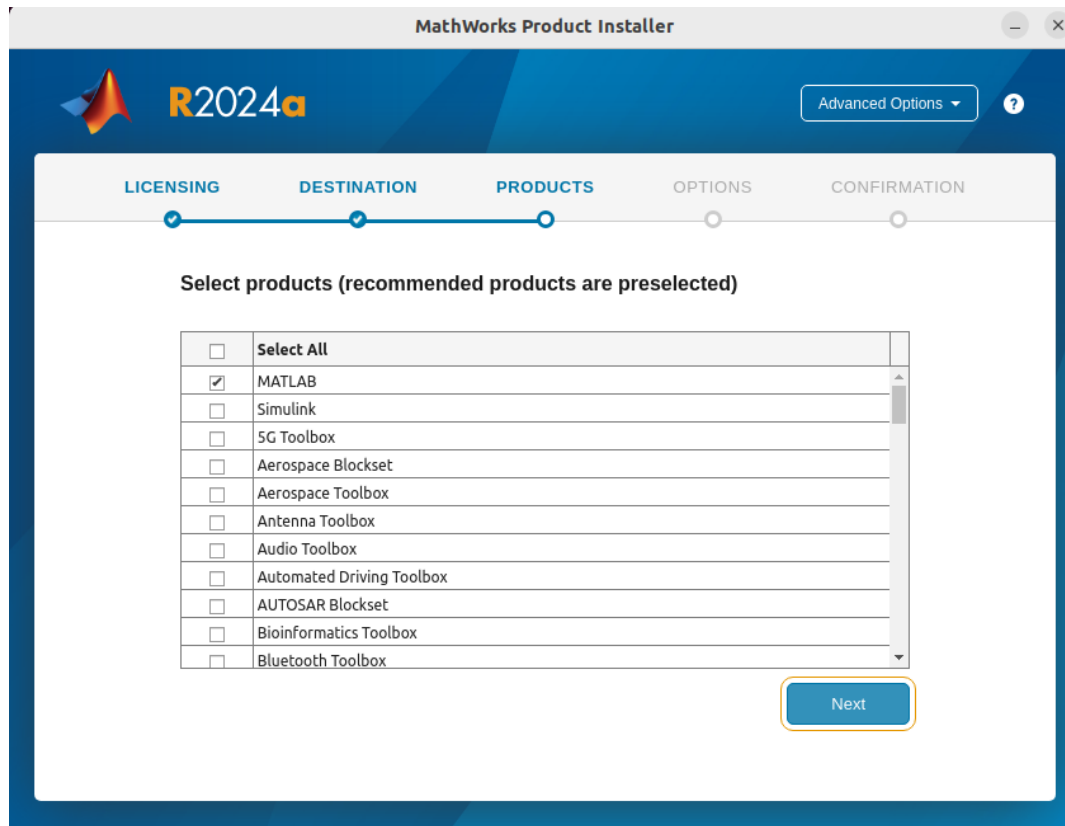
```
(base) yang.chen@10.200.14.227:~/matlab$ cd matlab2024a
(base) yang.chen@10.200.14.227:~/matlab/matlab2024a$ ./install
```

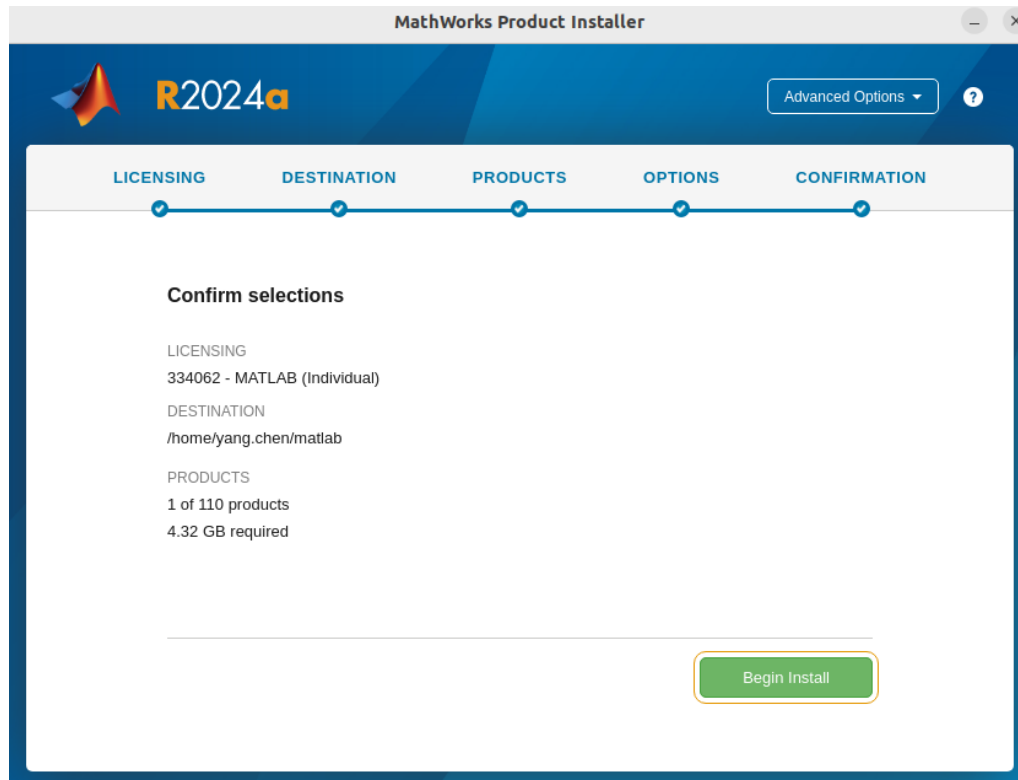
6. After successfully running the installer, please log in to your Matlab account and continue.



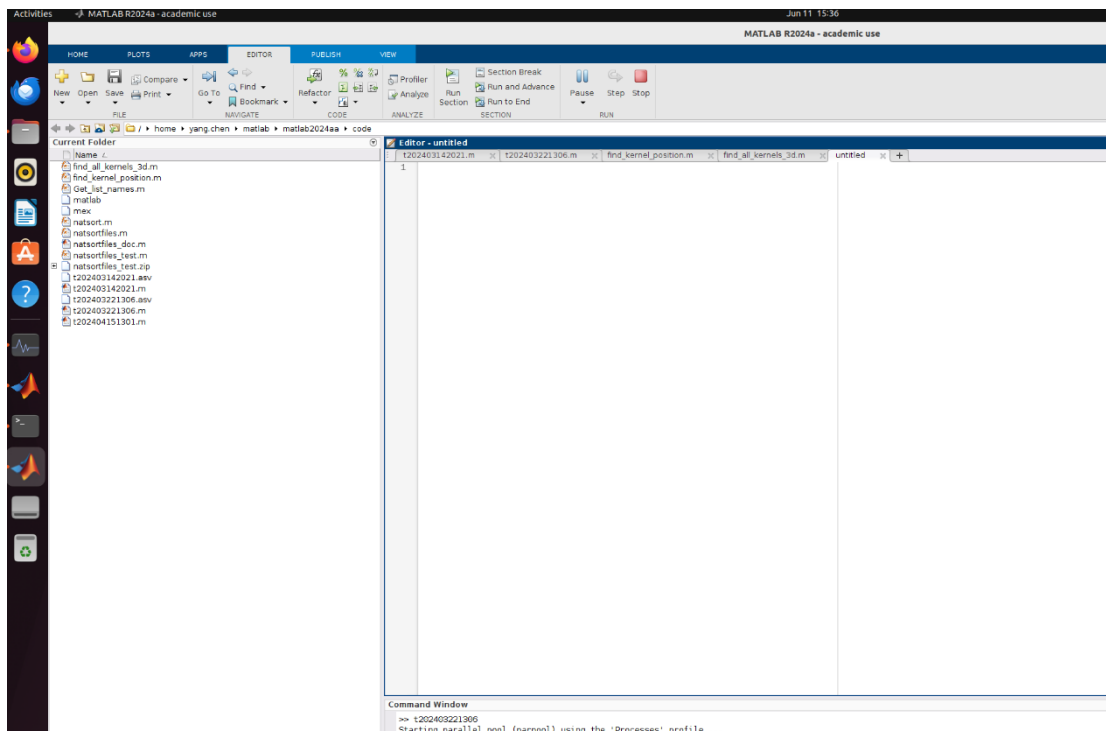
7. The following steps are the same as on the Windows platform, please follow the instructions given by the installer.







8. You should be able to run Matlab now, you can either run Matlab on its GUI interface as you did on Windows or via command lines.



```
○ (base) yang.chen@10.200.14.227:~/matlab/matlab2024aa/code$ ./matlab
MATLAB is selecting SOFTWARE rendering.
```

```

< M A T L A B (R) >
Copyright 1984-2024 The MathWorks, Inc.
R2024a Update 3 (24.1.0.2603908) 64-bit (glnxa64)
May 2, 2024
```

```
To get started, type doc.
For product information, visit www.mathworks.com.
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>> █
```