

Installing Windows 11

Goal of Lab:

- Installing Windows 11 Virtual Machine in VMware.

Requirements:

- PC running VMware workstation Pro.
- Windows 11 installation ISO.
- Internet connection



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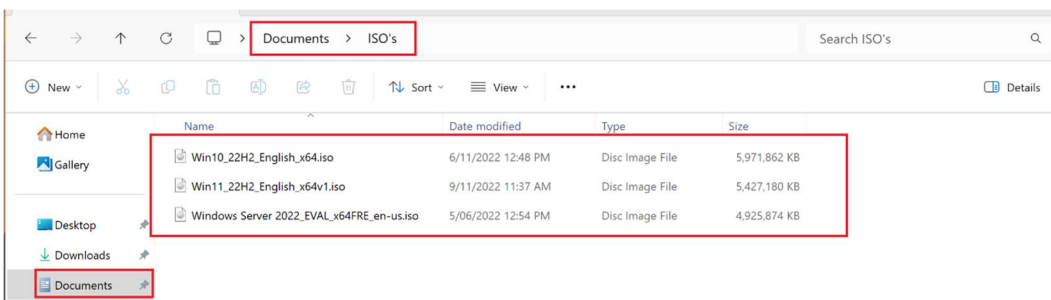
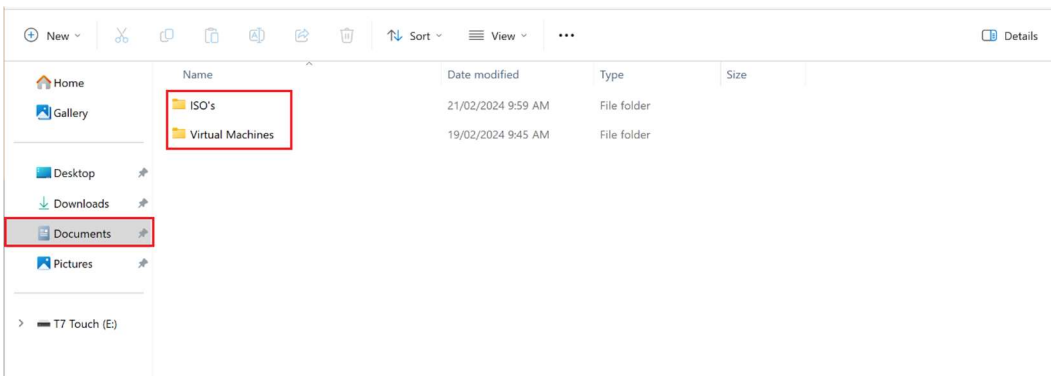
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Task 1 – Creating a new Windows Virtual Machine.

Step 1 - Creating Folder structure and copying ISO's.

Create Folder structure as per screenshot.

NOTE: If you are doing this lab in Hobart SOC, Explorer does not have shortcut. You need to use Windows Key + E

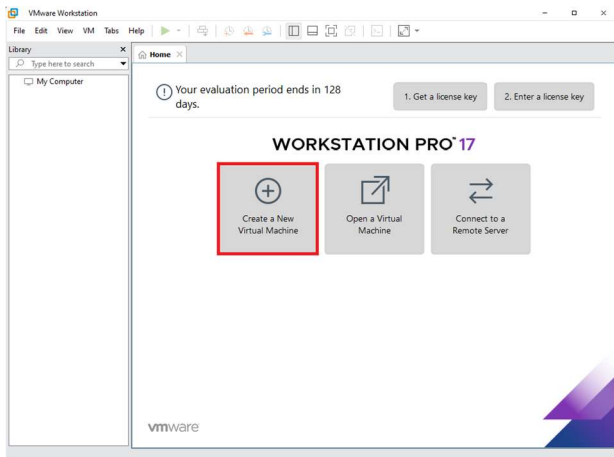


Step 2 – Start VMware Workstation Pro

Start VMware Workstation Pro by clicking on icon on Desktop.

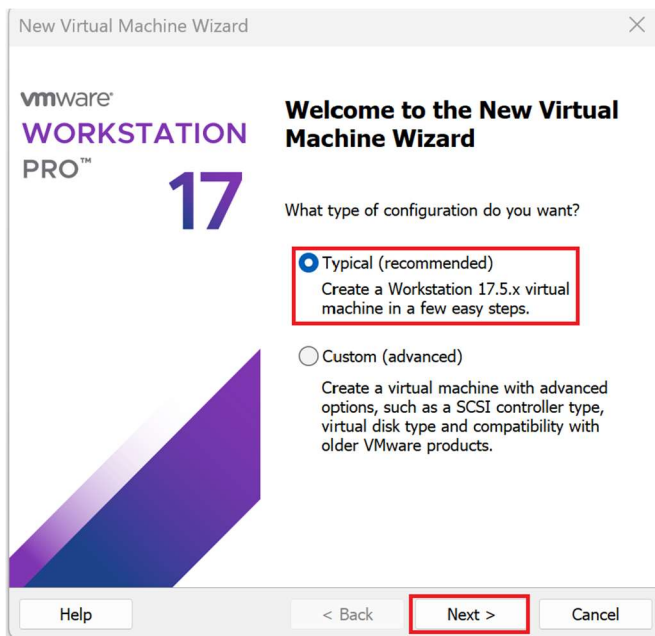


Step 3 - Create a new Virtual Machine.

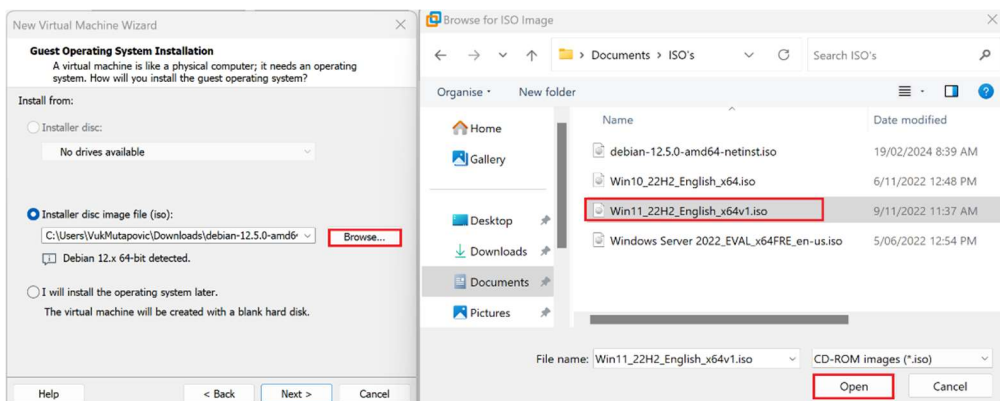


Step 4 - New Virtual Machine Wizard

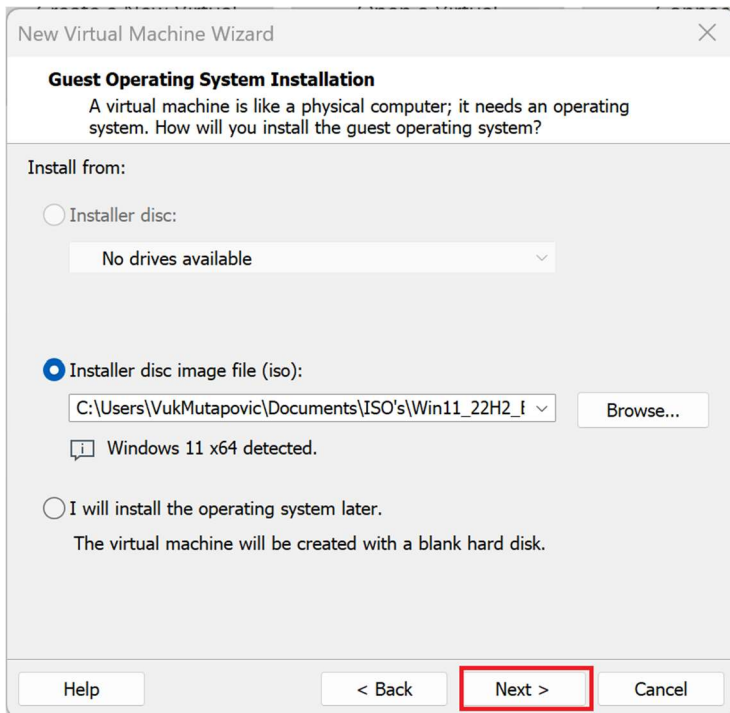
Select typical configuration.



Select appropriate Windows installation image.



Click Next.



Step 2- Customising VM

Name Virtual Machine.

New Virtual Machine Wizard

Name the Virtual Machine
What name would you like to use for this virtual machine?

Virtual machine name:

Location:

The default location can be changed at Edit > Preferences.

< Back Cancel

Assign TPM module password: student1234

New Virtual Machine Wizard

Encryption Information
How would you like to encrypt this virtual machine?

This Guest OS requires an encrypted Trusted Platform Module to operate.

Your files will be encrypted using a password you must set. This password is stored in the systems credential manager. Keep a copy of the password in a safe place, you can not start this VM without it.

Choose Encryption Type

All the files (.vmdk, .vmtx, etc) for this virtual machine are encrypted.

Only the files needed to support a TPM are encrypted. (.nvram, .vmss, .vmem, .vmtx, .vmsn)

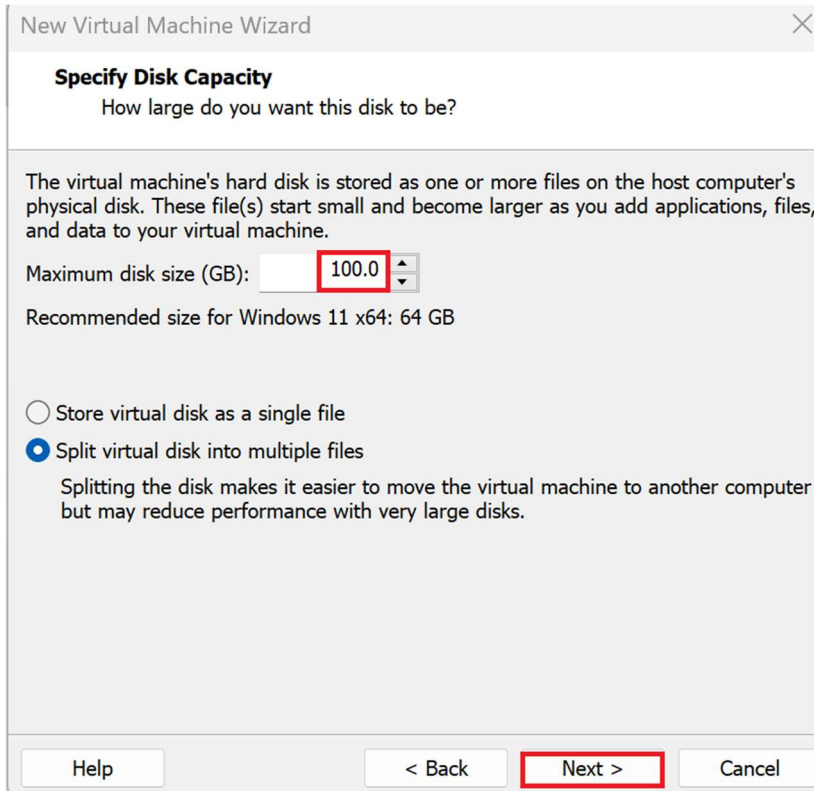
Password

Confirm Password

Remember the password on this machine in Credential Manager

< Back Cancel

Configure Disk size to 100GB.



New Virtual Machine Wizard

Specify Disk Capacity
How large do you want this disk to be?

The virtual machine's hard disk is stored as one or more files on the host computer's physical disk. These file(s) start small and become larger as you add applications, files, and data to your virtual machine.

Maximum disk size (GB):

Recommended size for Windows 11 x64: 64 GB

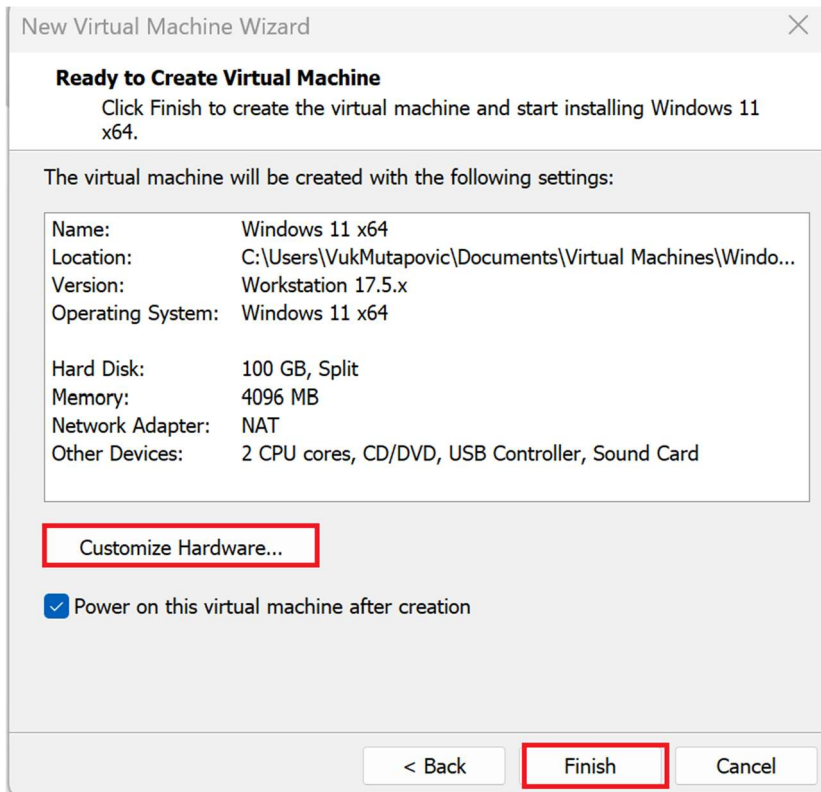
Store virtual disk as a single file

Split virtual disk into multiple files

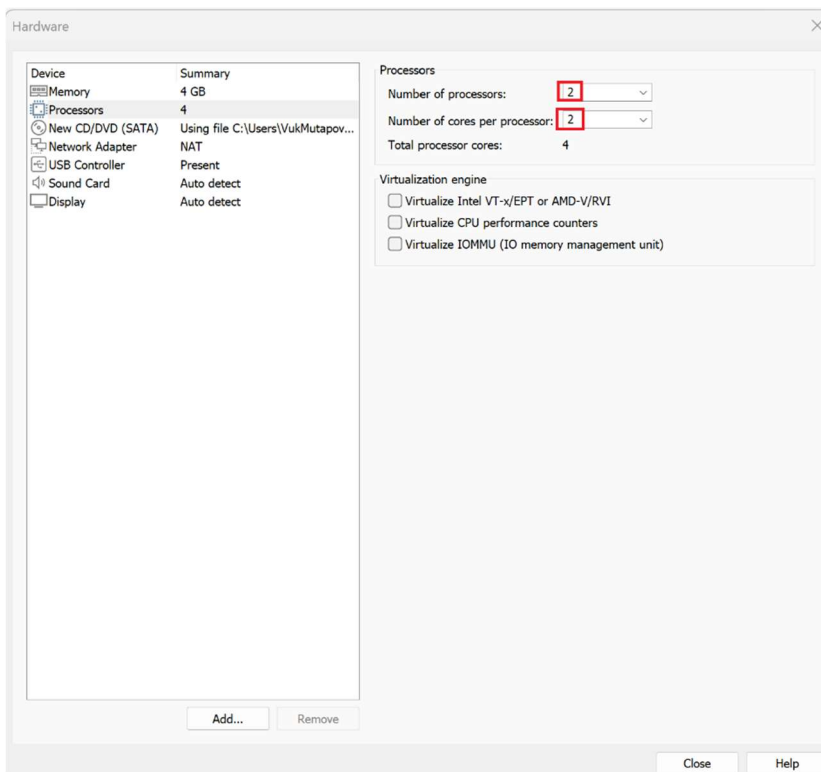
Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.

Help < Back **Next >** Cancel

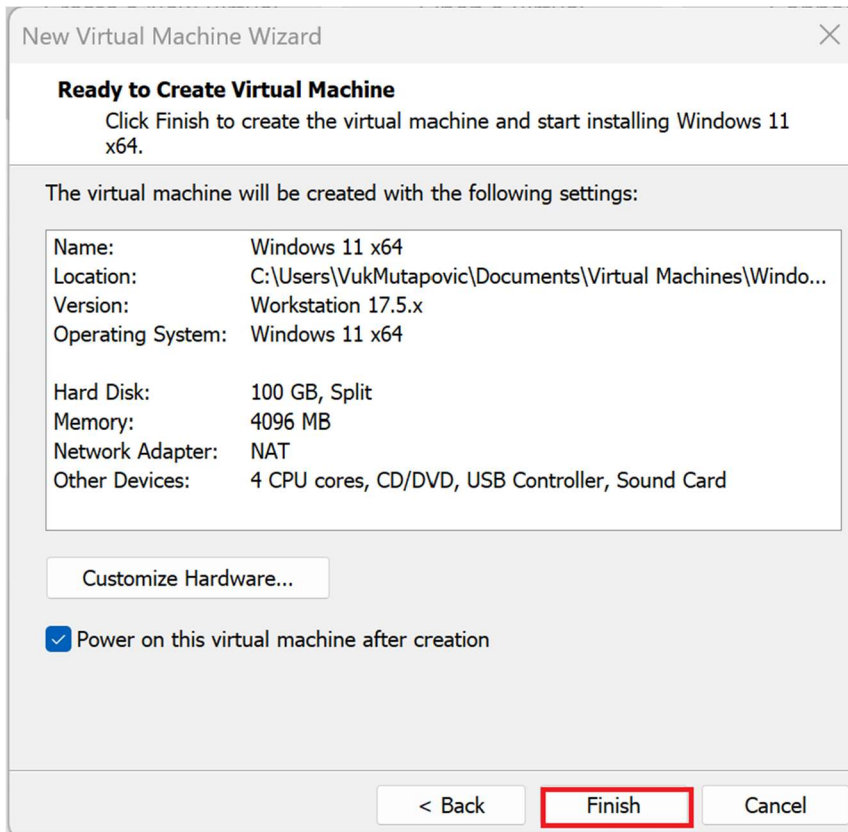
Customize hardware.



Assign 2 processors and 2 cores.



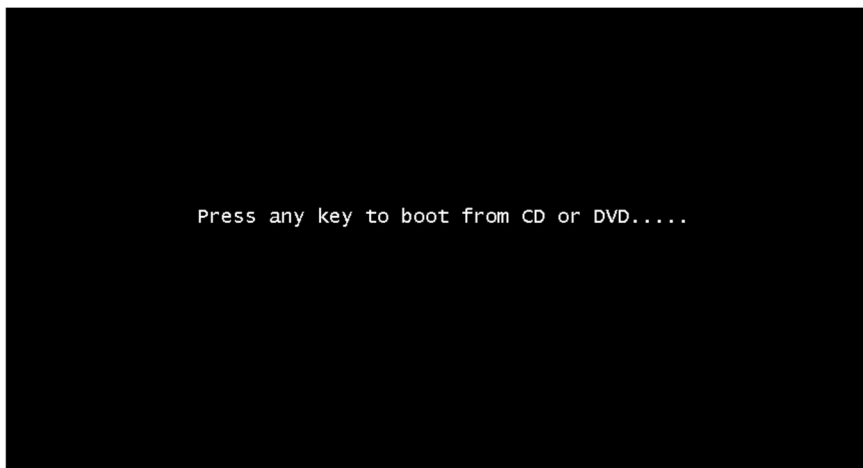
Finalise wizard.



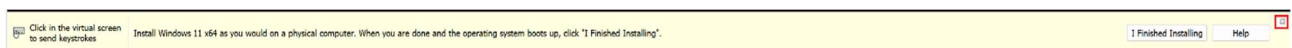
Task 2 – Installing Windows 11.

If all is done correctly your Windows should boot.

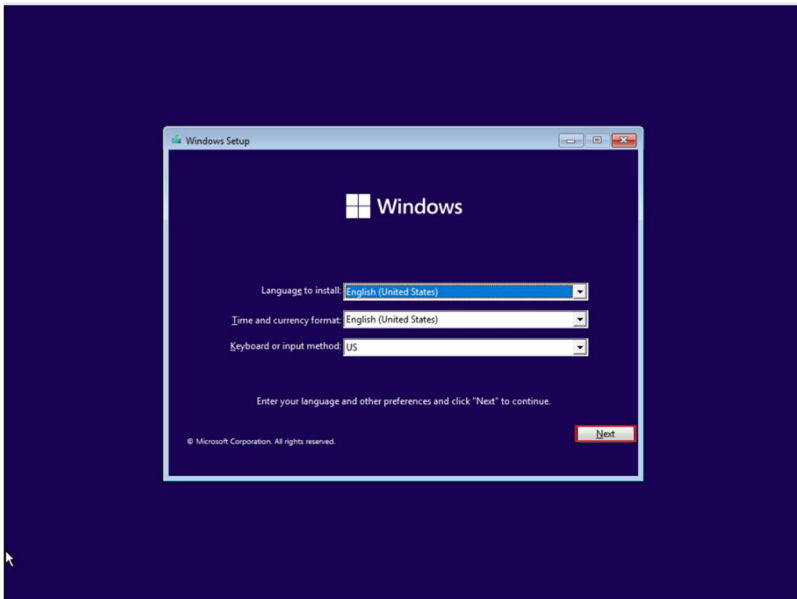
Press any key 😊.



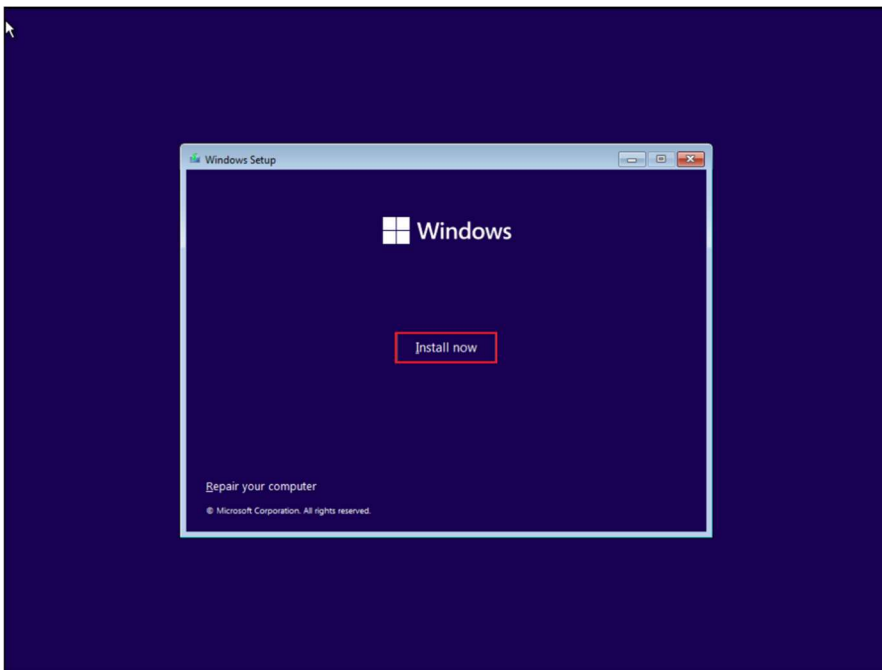
Close information status bar.



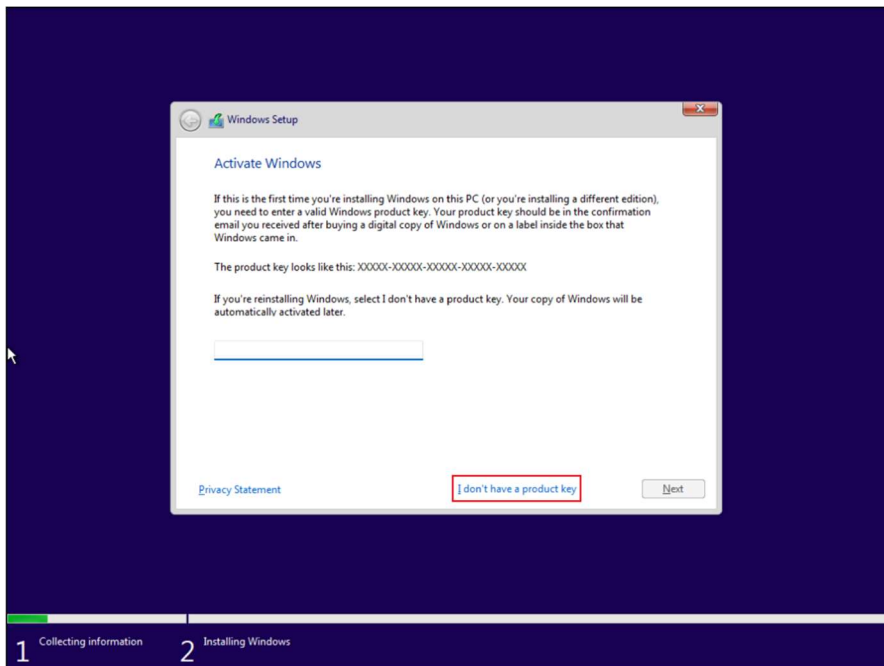
Step 1 – Selecting Language, Time, and Keyboard



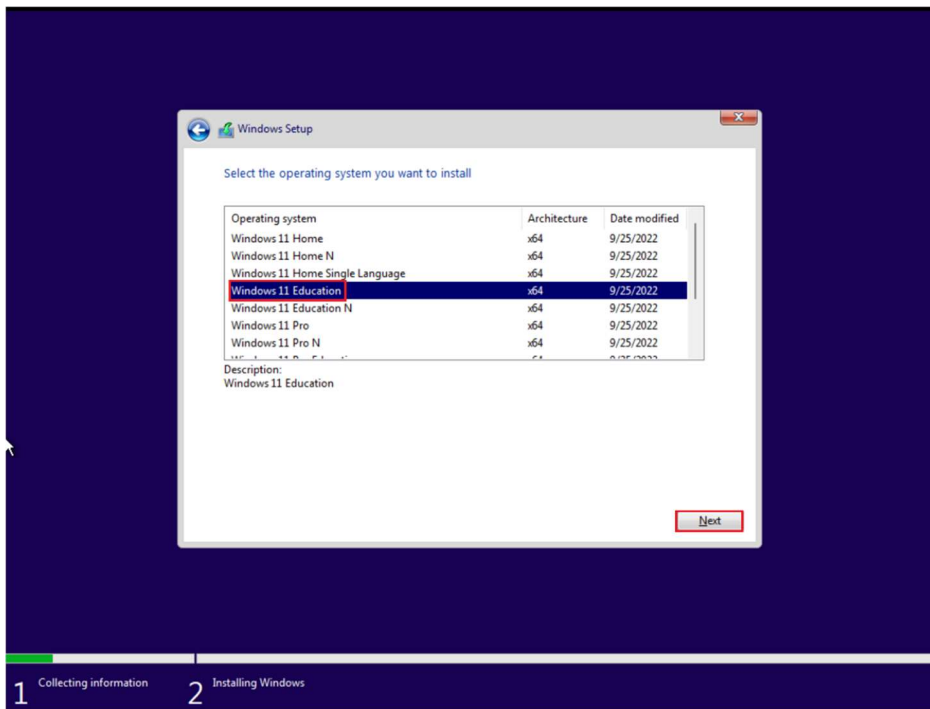
Step 2 – Start installation.



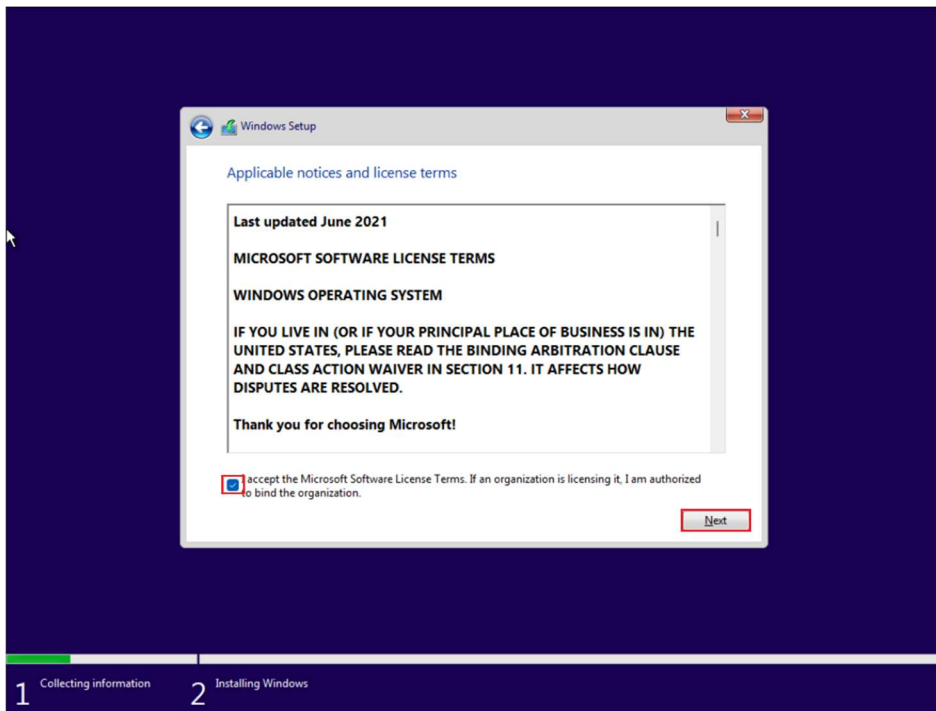
Click on I do not have a product key.



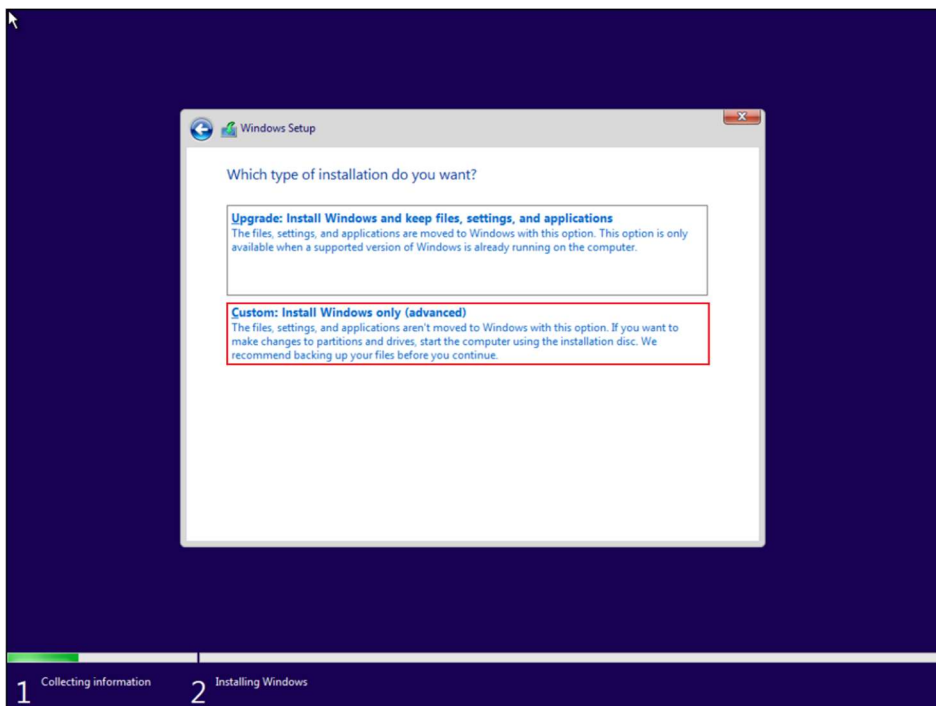
Step 3 – Select Windows 11 Education



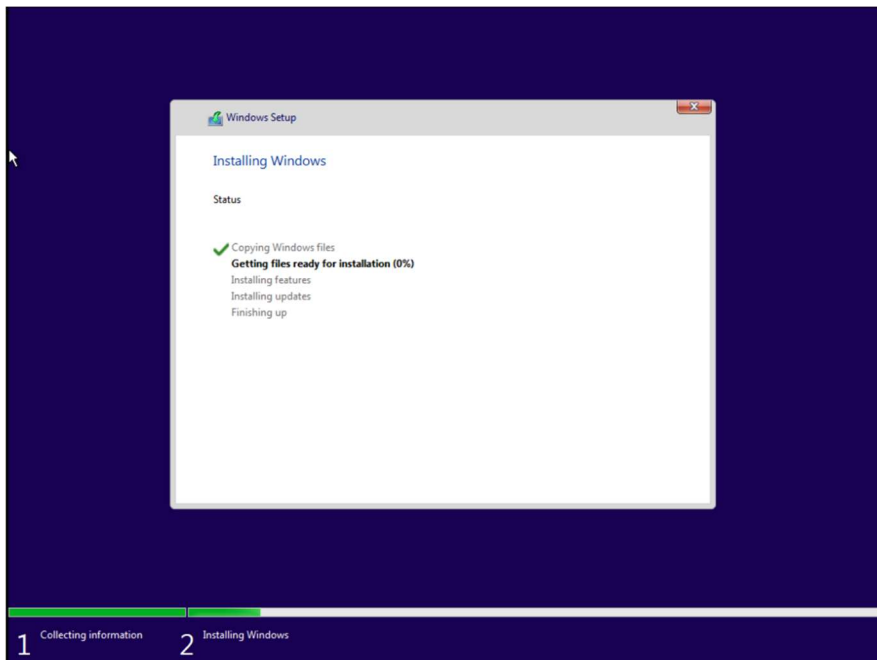
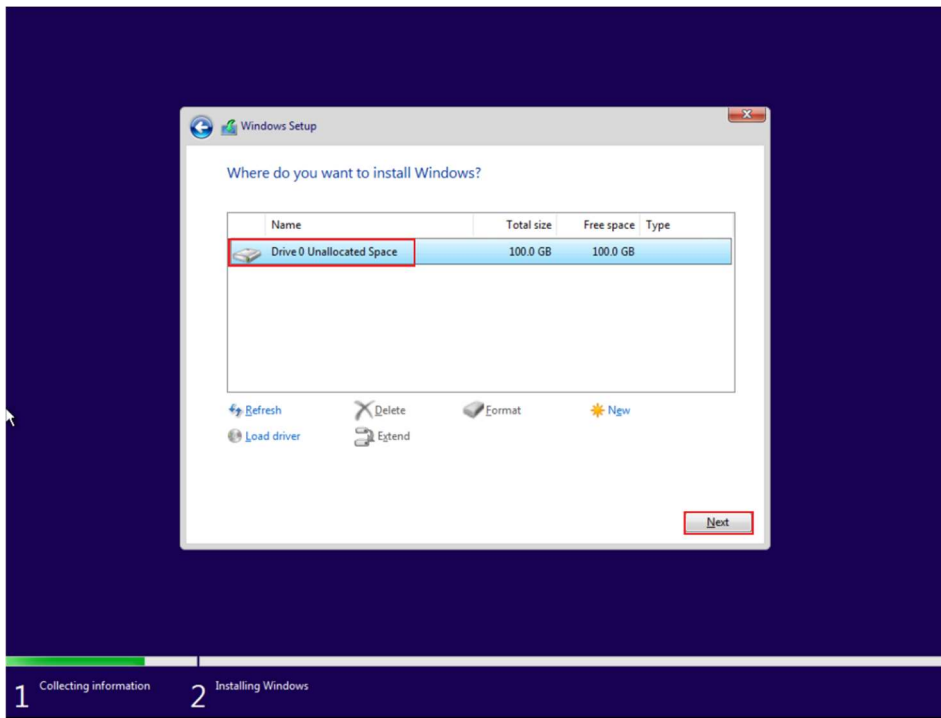
Step 4 – Accept EULA



Step 5 – Select Custom Install

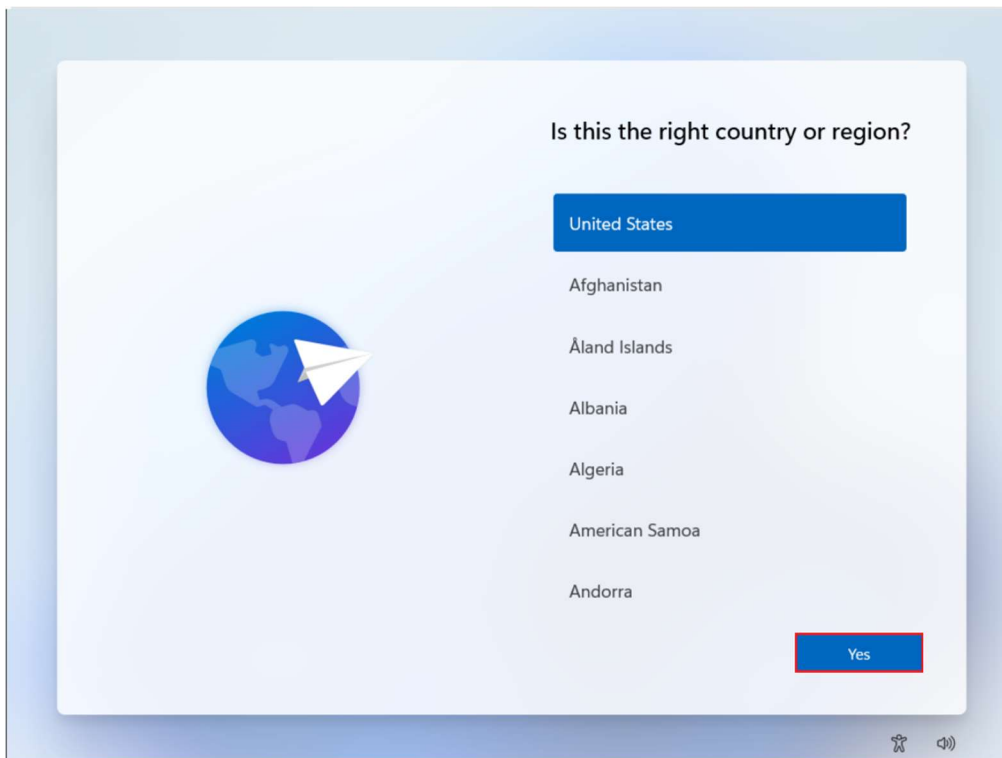


Step 6 – Select drive where you want to install Windows.

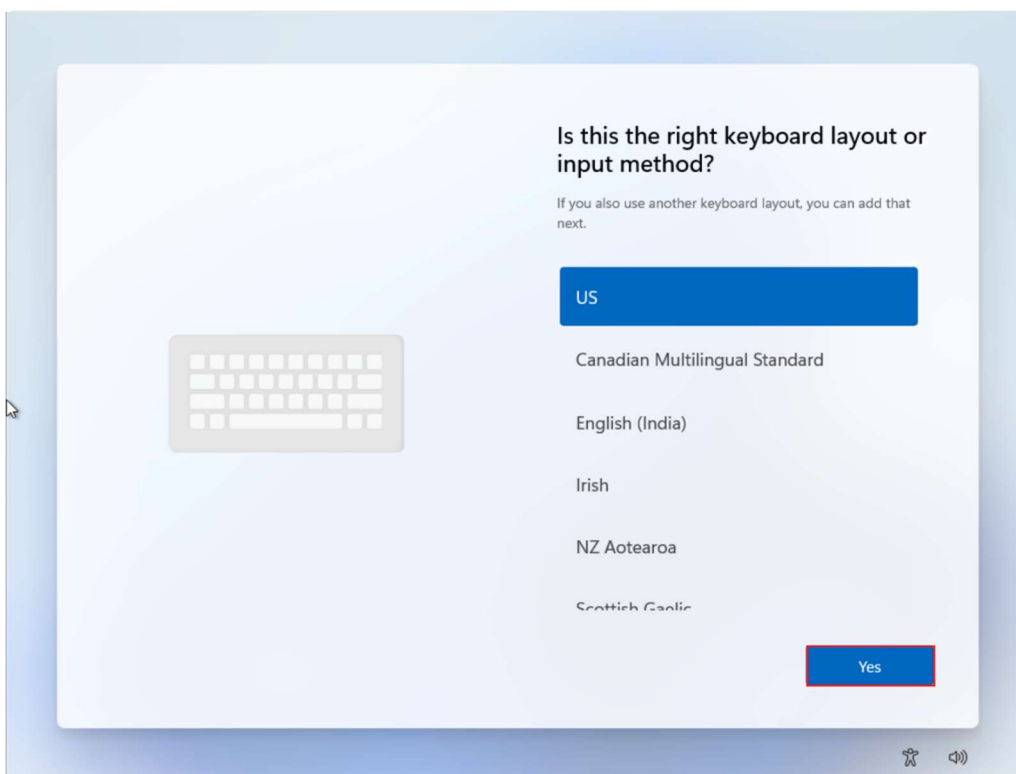


Step 7 – Finalise Windows installation.

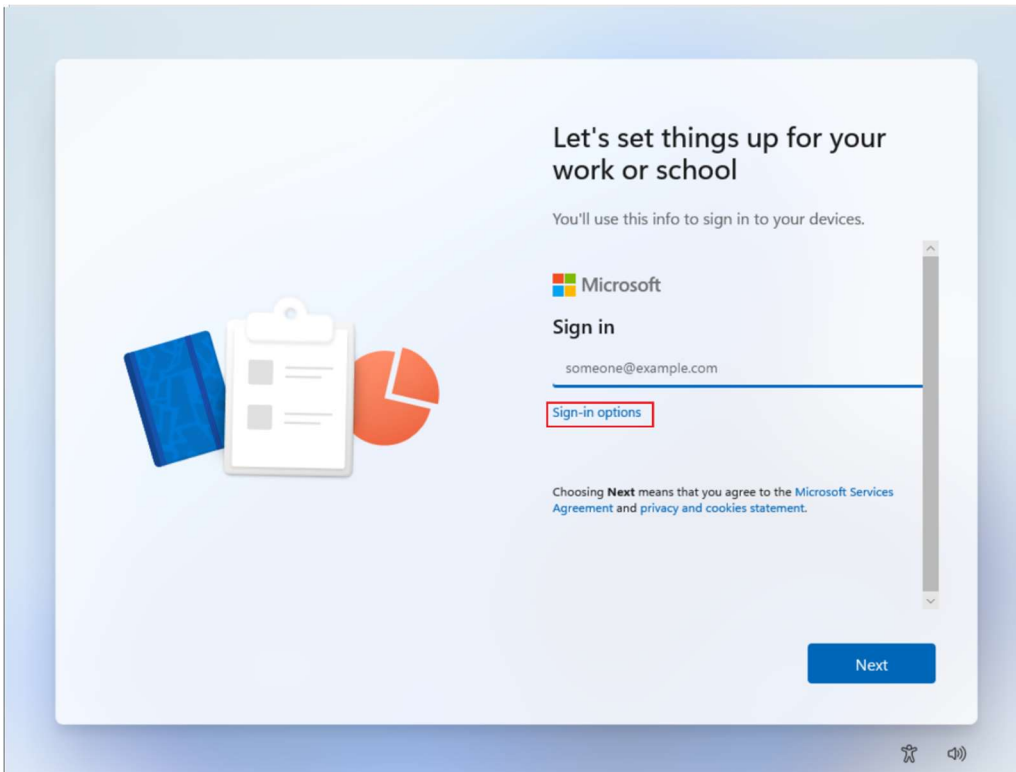
Select appropriate location.



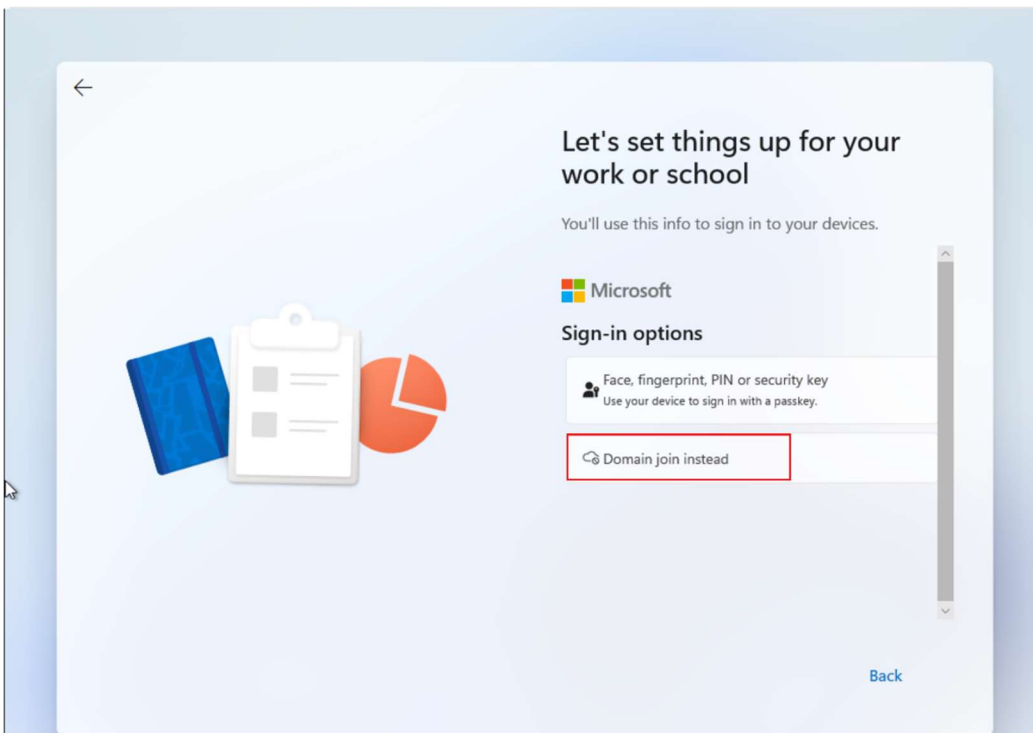
Select Keyboard layout.



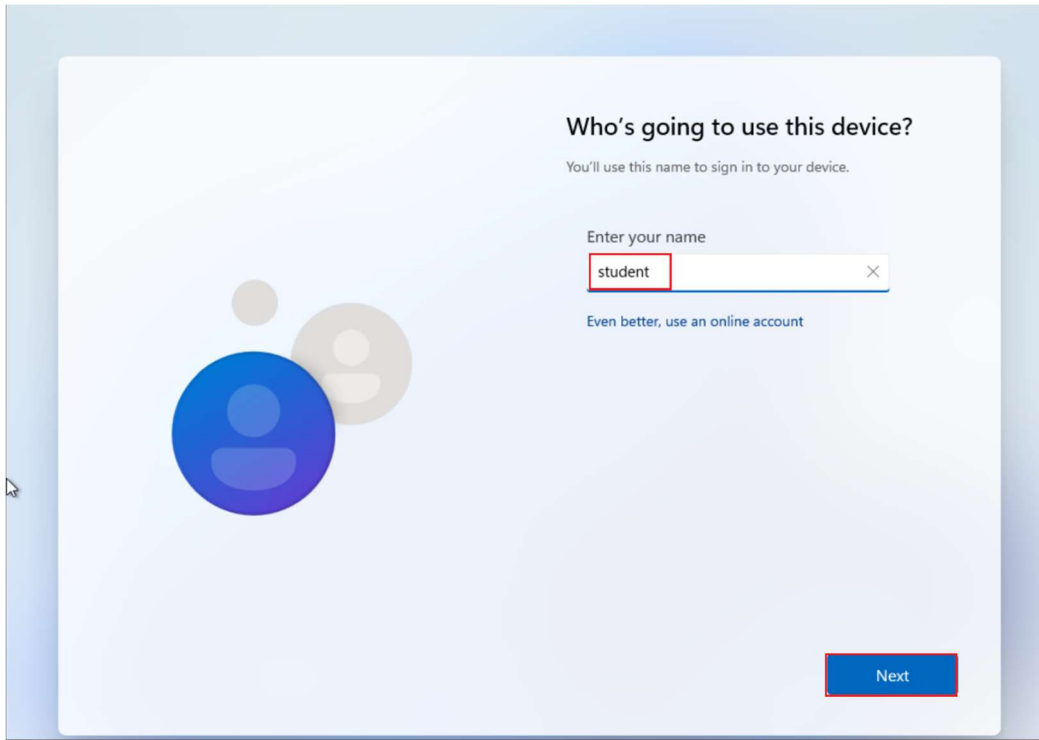
Click on Sign in options.



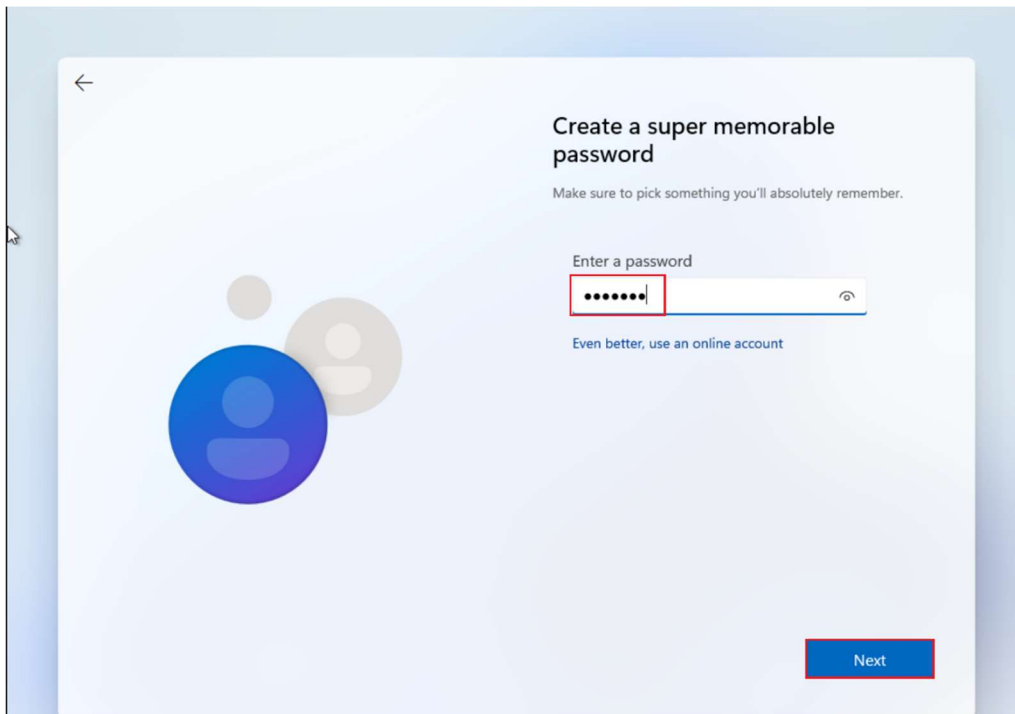
Click on Domain to join.



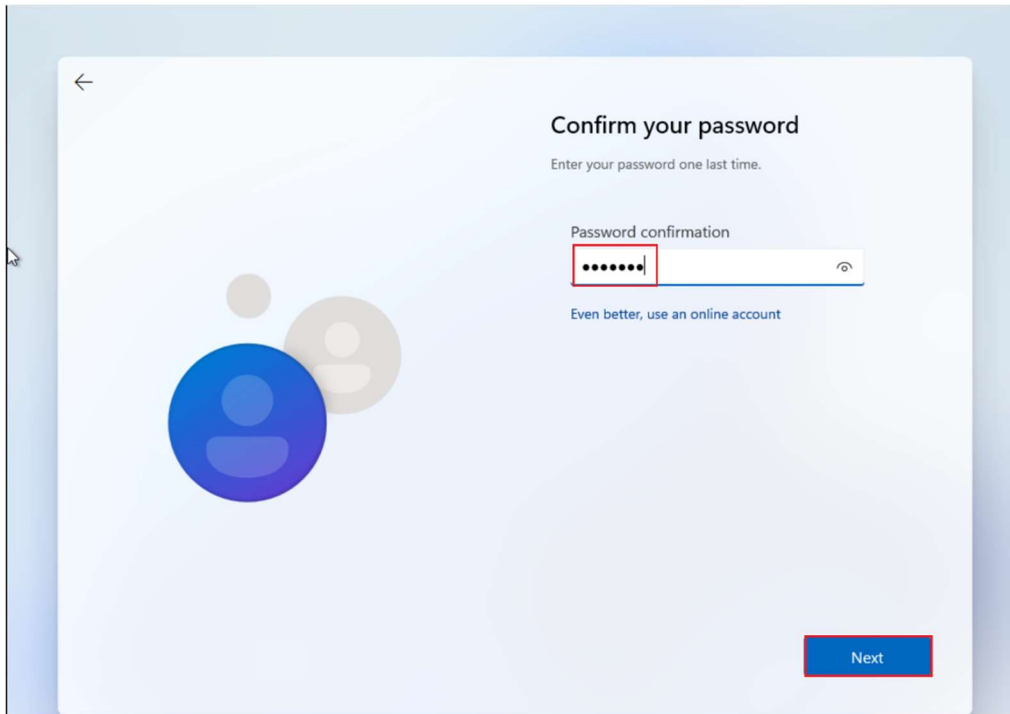
Assign Student name.



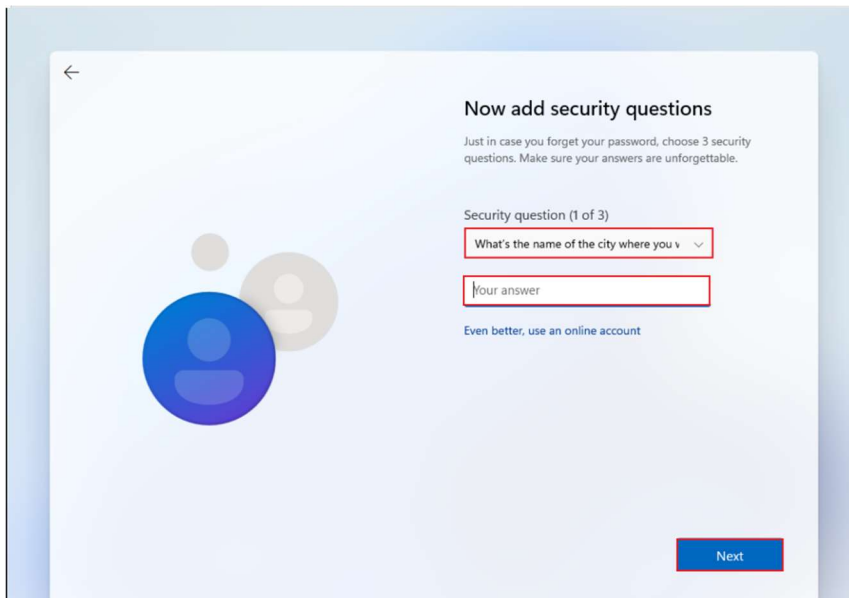
Assign the password.



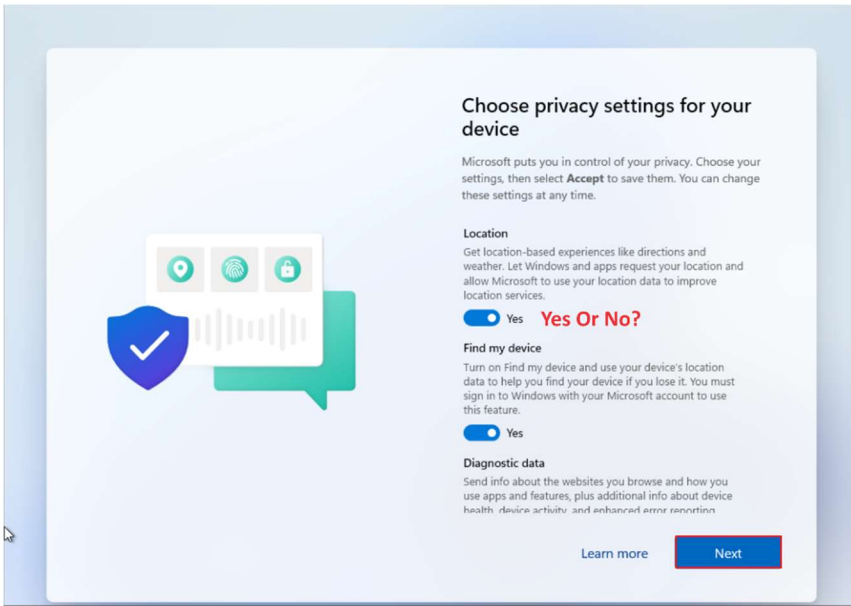
Conform password.



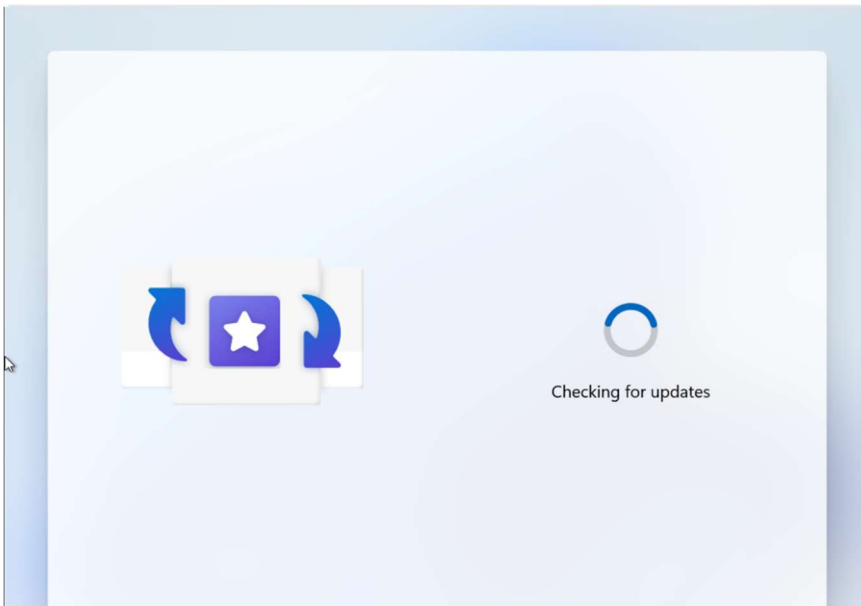
Add 3 security questions.



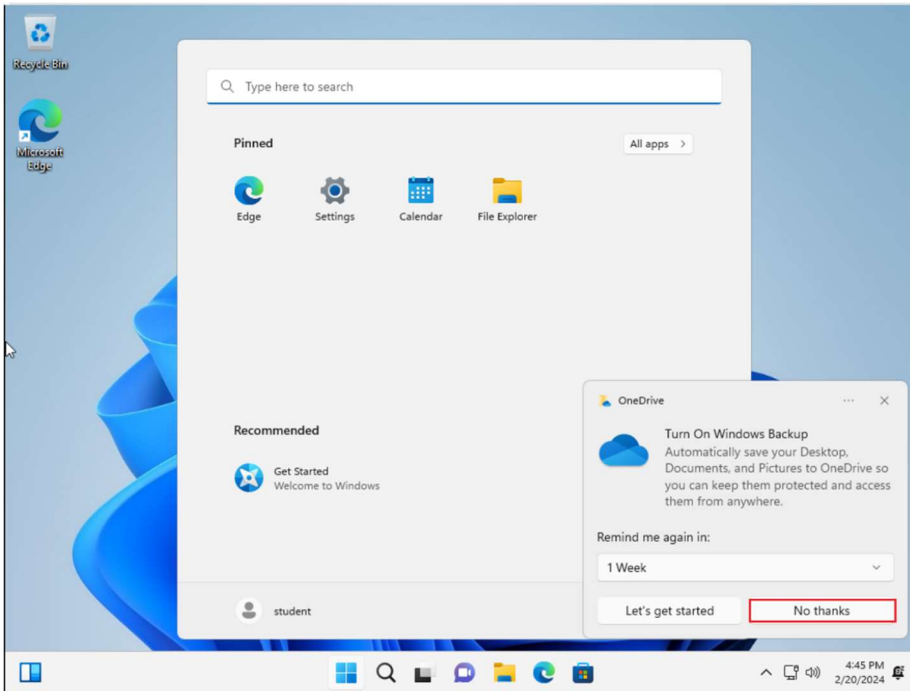
Choose privacy settings.



Windows will update automatically.



Disable Windows Backup.



Verify that internet is working.

