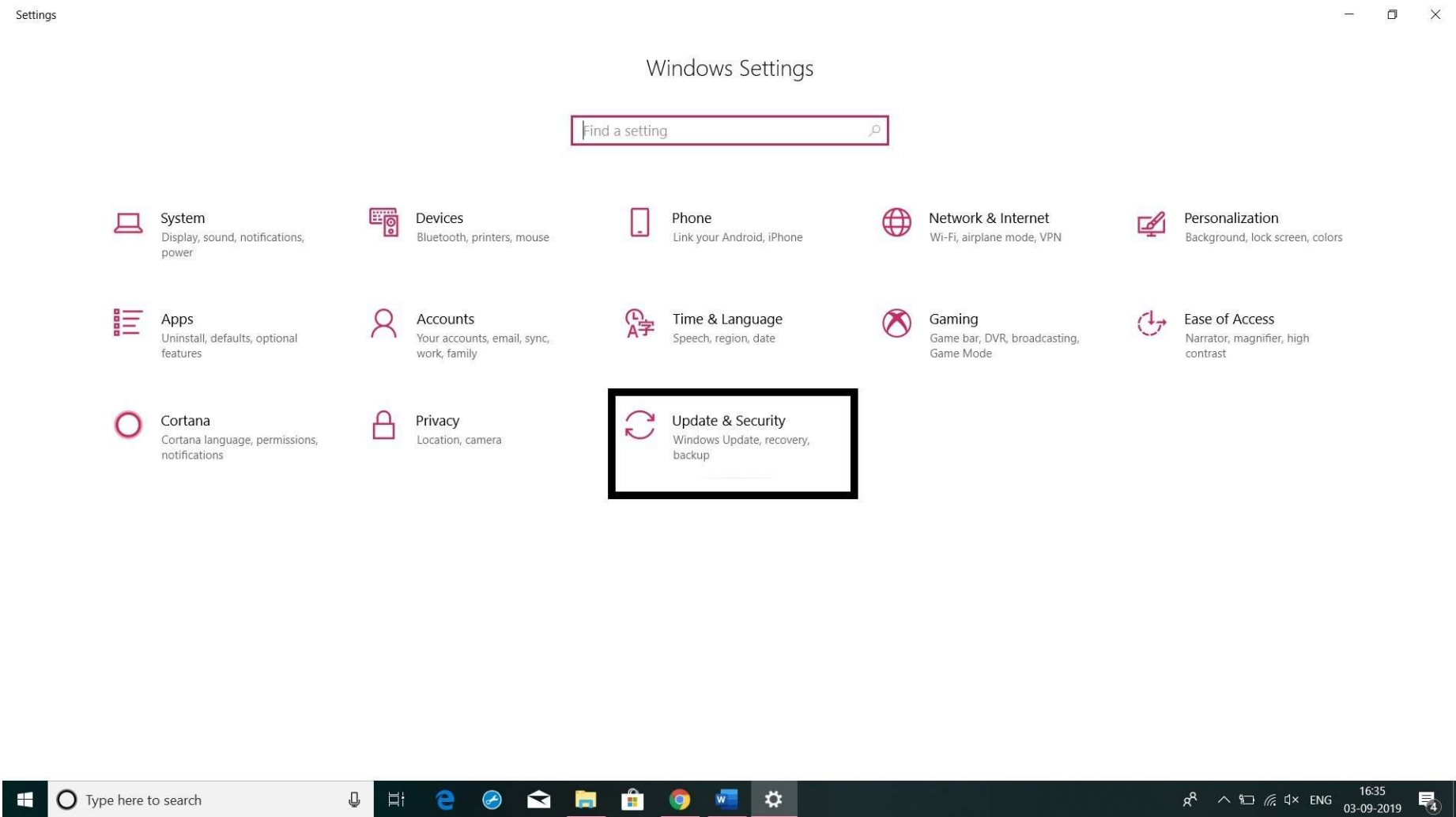


How to run Linux Commands on Windows 10?

Windows Subsystem for Linux(WSL)

Step 1: Go to Update and Security in Settings.



Step 2: Go to the Developer's Mode and Select the Developer's Mode option.

← Settings

Home

Find a setting

Update & Security

Windows Update

Windows Security

Backup

Troubleshoot

Recovery

Activation

Find my device

For developers

Windows Insider Program

Device encryption

Windows Update



Updates available

Last checked: Yesterday, 00:16

Security Intelligence Update for Windows Defender Antivirus - KB2267602 (Version 1.301.279.0)

Status: Pending install

We'll automatically install updates when you aren't using your device, or you can install them now if you want.

Install now

Feature update to Windows 10, version 1903

The Windows 10 May 2019 Update is on its way. We're offering this update to compatible devices, but your device isn't quite ready for it. Once your device is ready, you'll see the update available on this page. There's nothing you need to do at this time.



Learn more

[Change active hours](#)

[View update history](#)

[Advanced options](#)

Stay up to date

We're rolling out the latest update with exciting new features and security improvements. Check for updates now to find out if the update is available for you.

[See what's new in the latest update](#)

Looking for info on the latest updates?

[Learn more](#)

Related links

[Check Storage](#)

[OS build info](#)

Have a question?

[Get help](#)

Make Windows better

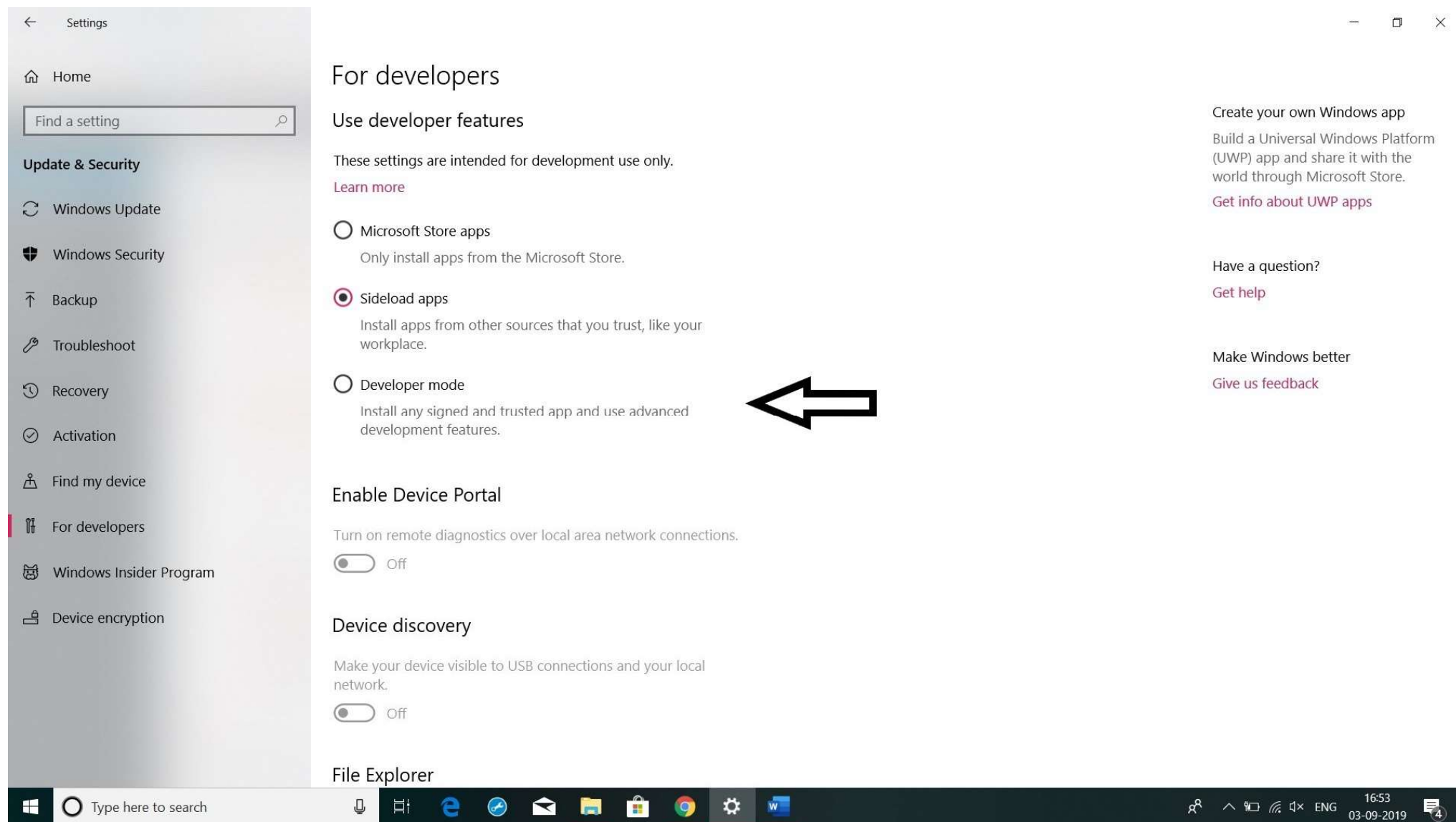
[Give us feedback](#)

Windows

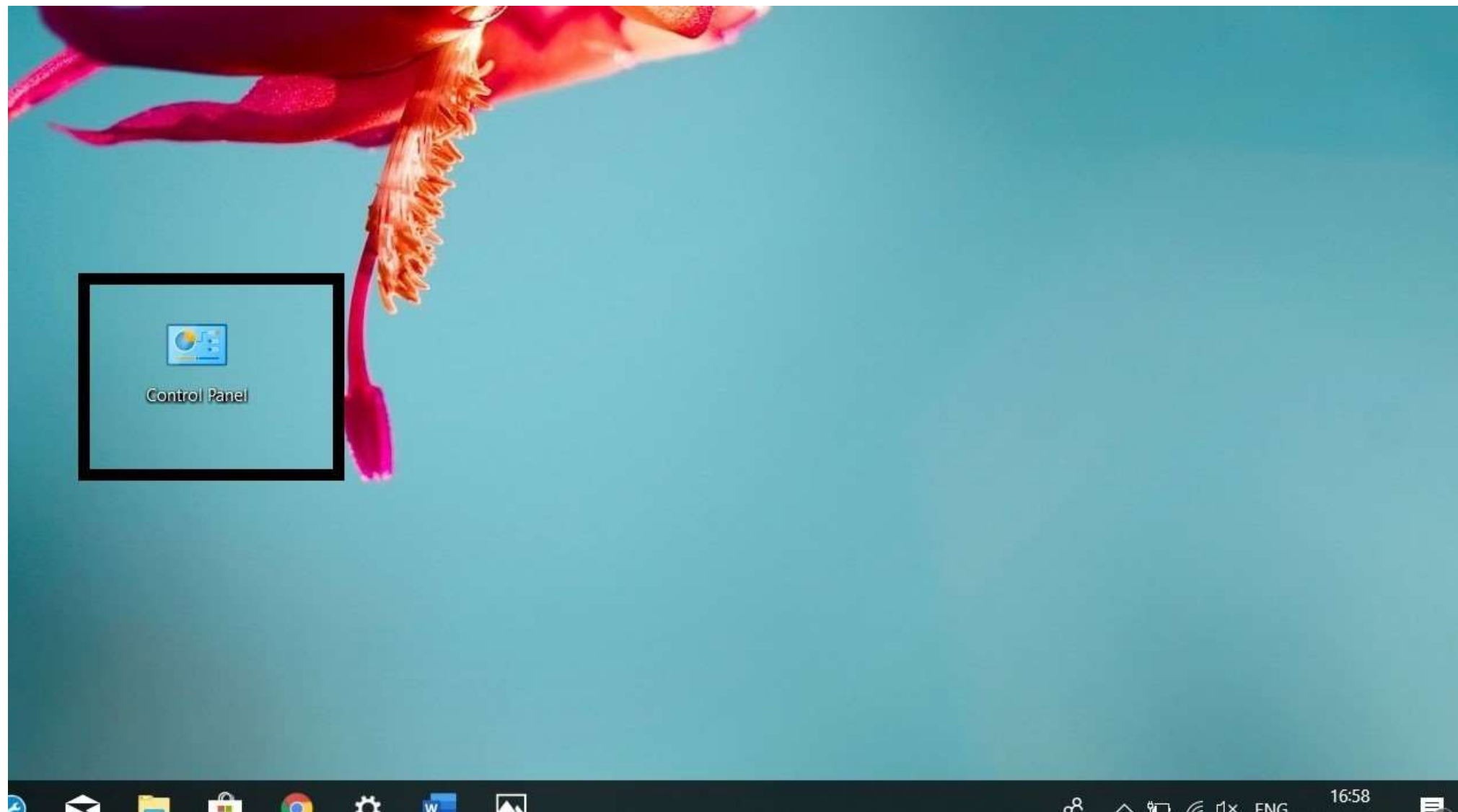
Type here to search

Taskbar icons: File Explorer, Edge, Mail, Photos, Store, Chrome, Settings, Windows Update, Location

System tray: Network, Volume, ENG, 16:50, 03-09-2019, Notifications (4)



Step 3: Open the Control Panel.



Step 4: Click Programs and Features.

Adjust your computer's settings

View by: Category

System and Security
Review your computer's status
Save backup copies of your files with File History
Backup and Restore (Windows 7)

Network and Internet
View network status and tasks

Hardware and Sound
View devices and printers
Add a device
Adjust commonly used mobility settings

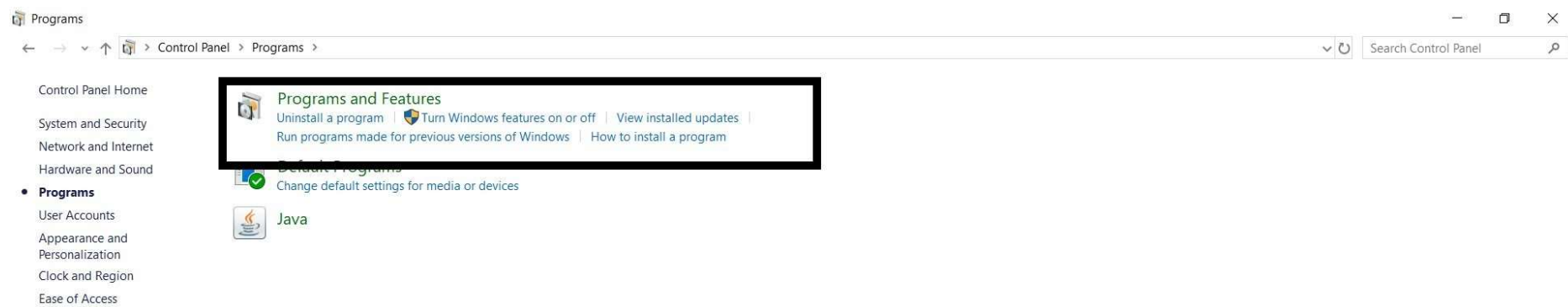
Programs
Uninstall a program

User Accounts
Change account type

Appearance and Personalization

Clock and Region
Change date, time, or number formats

Ease of Access
Let Windows suggest settings
Optimize visual display



Step 5: Click Turn Windows Features On or Off.



Step 6: Enable the Windows Subsystem for Linux Option in the List. Click OK. Click Restart Now to Reboot your Computer.

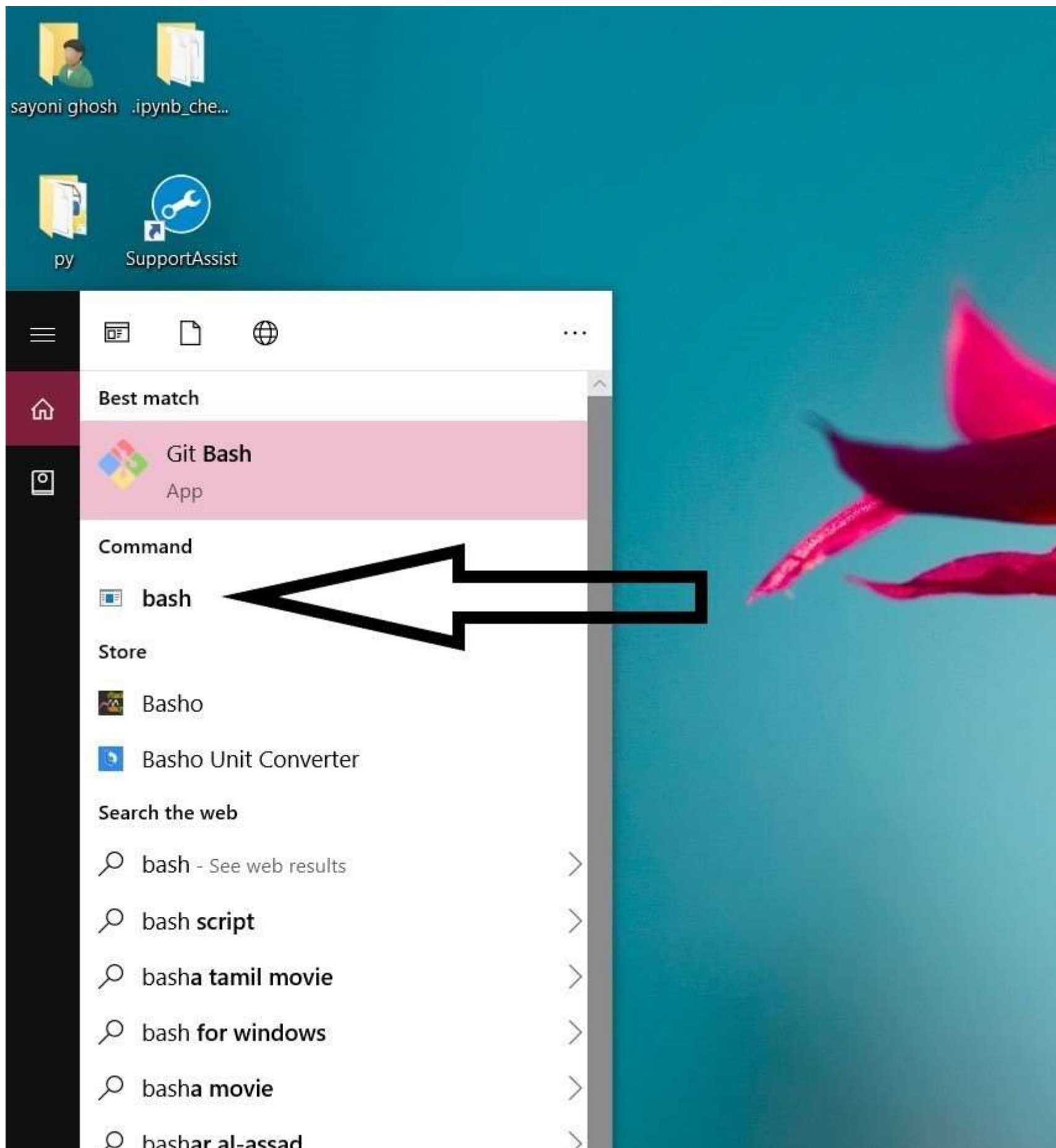
Turn Windows features on or off

To turn a feature on, select its check box. To turn a feature off, clear its check box. A filled box means the feature is turned on.

- ☒ .NET Framework 3.5 (includes .NET 2.0 and 3.0)
 - ☒ .NET Framework 4.7 Advanced Services
 - ☒ Internet Explorer 11
 - ☐ Internet Information Services
 - ☐ Internet Information Services Hostable Web Core
 - ☐ Legacy Components
 - ☒ Media Features
 - ☐ Microsoft Message Queue (MSMQ) Server
 - ☒ Microsoft Print to PDF
 - ☒ Microsoft XPS Document Writer
 - ☒ Print and Document Services
 - ☒ Remote Differential Compression API Support
 - ☐ RIP Listener
 - ☐ Simple Network Management Protocol (SNMP)
 - ☐ Simple TCP/IP services (i.e. echo, daytime etc)
 - ☐ SMB 1.0/CIFS File Sharing Support
 - ☐ Telnet Client
 - ☐ TFTP Client
 - ☐ Windows Hypervisor Platform
 - ☐ Windows Identity Foundation 3.5
 - ☒ Windows PowerShell 2.0
 - ☐ Windows Process Activation Service
 - ☐ Windows Projected File System (Beta)
 - ☐ Windows Subsystem for Linux
 - ☐ Windows TIFF IFilter
 - ☒ Work Folders
- Provides services and environments for running native user-mode Linux shells on Windows.



Step 7: Click the Start button (or press the Windows key), type **bash**, and press Enter.



Note: There are two problems that you might face after this step:

1. If you are seeing a message like:

"Windows Subsystem for Linux has no installed distributions. Distributions can be installed by visiting the Microsoft Store: <https://aka.ms/wslstore>

Press any key to continue..."

Open Microsoft Store. Download and Install Ubuntu. Or click [here](#) to download and install the Ubuntu for Developer Tools Utilities.

Step 8: Create user Account and Password to use bash. Again click the Start button (or press the Windows key), type bash, and press Enter.

A screenshot of a Windows terminal window titled "anshul@DESKTOP-U7P2BQP: /mnt/c/Windows/System32". The terminal has a black background with white text. It displays the message: "To run a command as administrator (user \"root\"), use \"sudo <command>\". See \"man sudo_root\" for details." followed by the prompt "anshul@DESKTOP-U7P2BQP:/mnt/c/Windows/System32\$". The window has standard Windows window controls (minimize, maximize, close) in the top right corner.

```
anshul@DESKTOP-U7P2BQP: /mnt/c/Windows/System32
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
anshul@DESKTOP-U7P2BQP:/mnt/c/Windows/System32$
```

Install below windows ubuntu application:

<https://www.microsoft.com/en-us/p/ubuntu/9nblggh4msv6?activetab=pivot%3Aoverviewtab>

gd@Rev-PG02RELN: ~

Installing, this may take a few minutes...
Please create a default UNIX user account. The username does not need to match your Windows username.
For more information visit: <https://aka.ms/wslusers>
Enter new UNIX username: gd
New password:
Retype new password:
passwd: password updated successfully
Installation successful!
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 4.4.0-19041-Microsoft x86_64)

- * Documentation: <https://help.ubuntu.com>
- * Management: <https://landscape.canonical.com>
- * Support: <https://ubuntu.com/advantage>

System information as of Mon Feb 14 16:28:59 IST 2022

System load:	0.52	Processes:	7
Usage of /home:	unknown	Users logged in:	0
Memory usage:	42%	IPv4 address for eth0:	10.50.58.103
Swap usage:	0%	IPv4 address for eth2:	172.18.32.1

1 update can be applied immediately.
To see these additional updates run: apt list --upgradable

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

This message is shown once a day. To disable it please create the
/home/gd/.hushlogin file.

gd@Rev-PG02RELN:~\$