

Use-Windows-Command-Prompt-to-Run-a-Python-

2019年5月29日 上午 11:19

How to open a Python file with your Windows computer's built-in Command Prompt
In most cases, you can do this without any trouble as long as you have Python installed

If you installed an old version of Python or you used a custom installation which didn't add the "python" command to your computer's list of "Path" variables, you'll need to add Python to the "Path" variables list before you can run a Python file via Command Prompt.

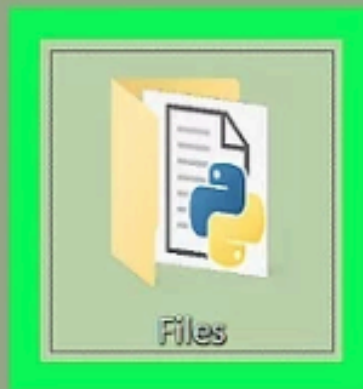
1.Finding the Python File Path

Go to the Python file's location. Find the Python file that you want to open in Command Prompt.

- If you already know the folder path to the Python file you want to open, skip ahead to the next step: opening the file in Command Prompt.

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Finding the Python File Path



2.Select the Python file.

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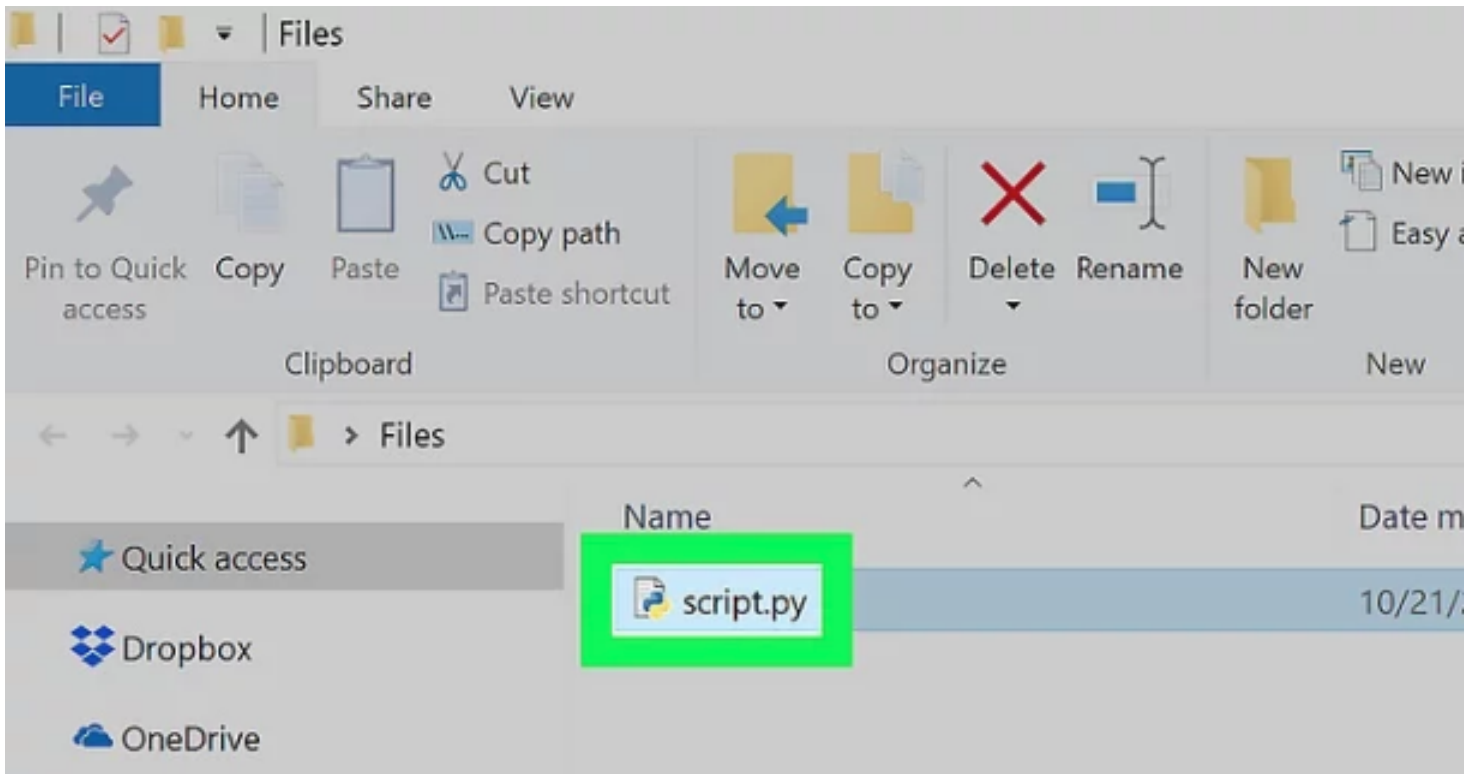
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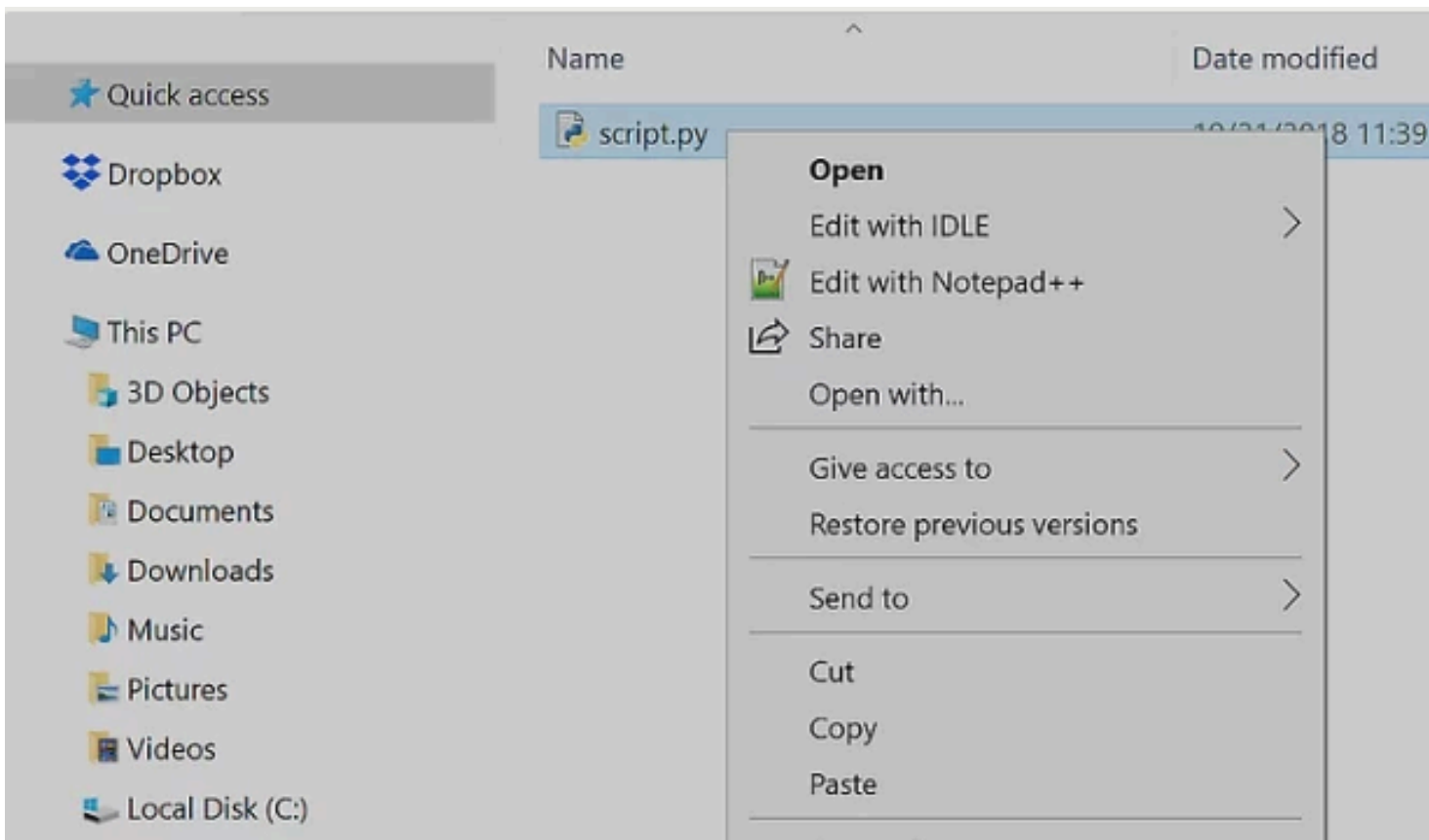


Click once the Python file for which you want to see the folder path.



3.Right-click the Python file.

Doing so prompts a drop-down menu to appear.



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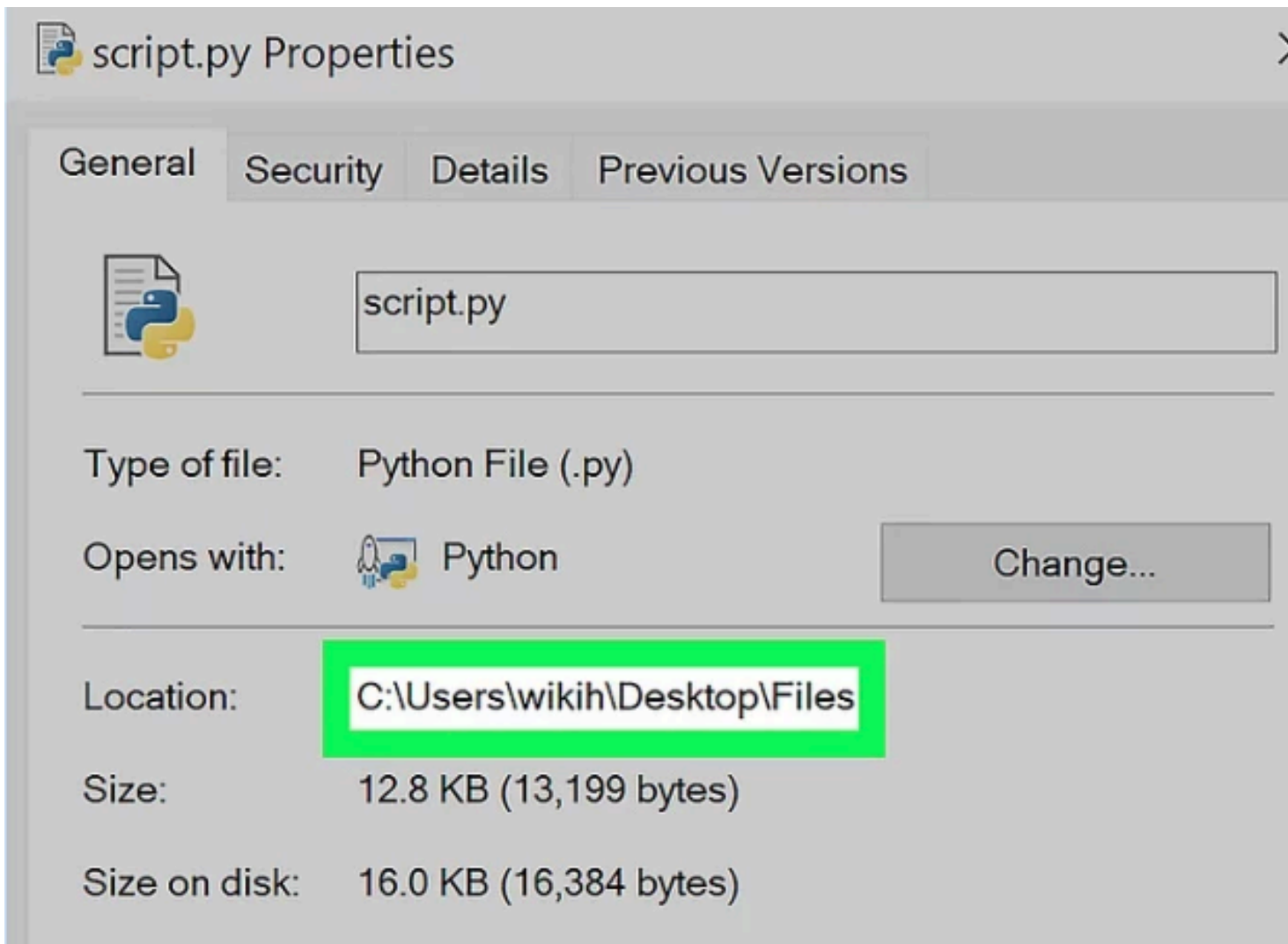
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4. Click **Properties**.

It's in the drop-down menu. The properties window will open.



5. Note the **"Location"** value.

The folder address (or "path") to the right of the "Location" heading is what you'll need to paste into Command Prompt when switching to the directory in which your Python file is stored.

- You can copy the location by highlighting it (click and drag your mouse across the "Location" value) and then pressing **Ctrl+C**.

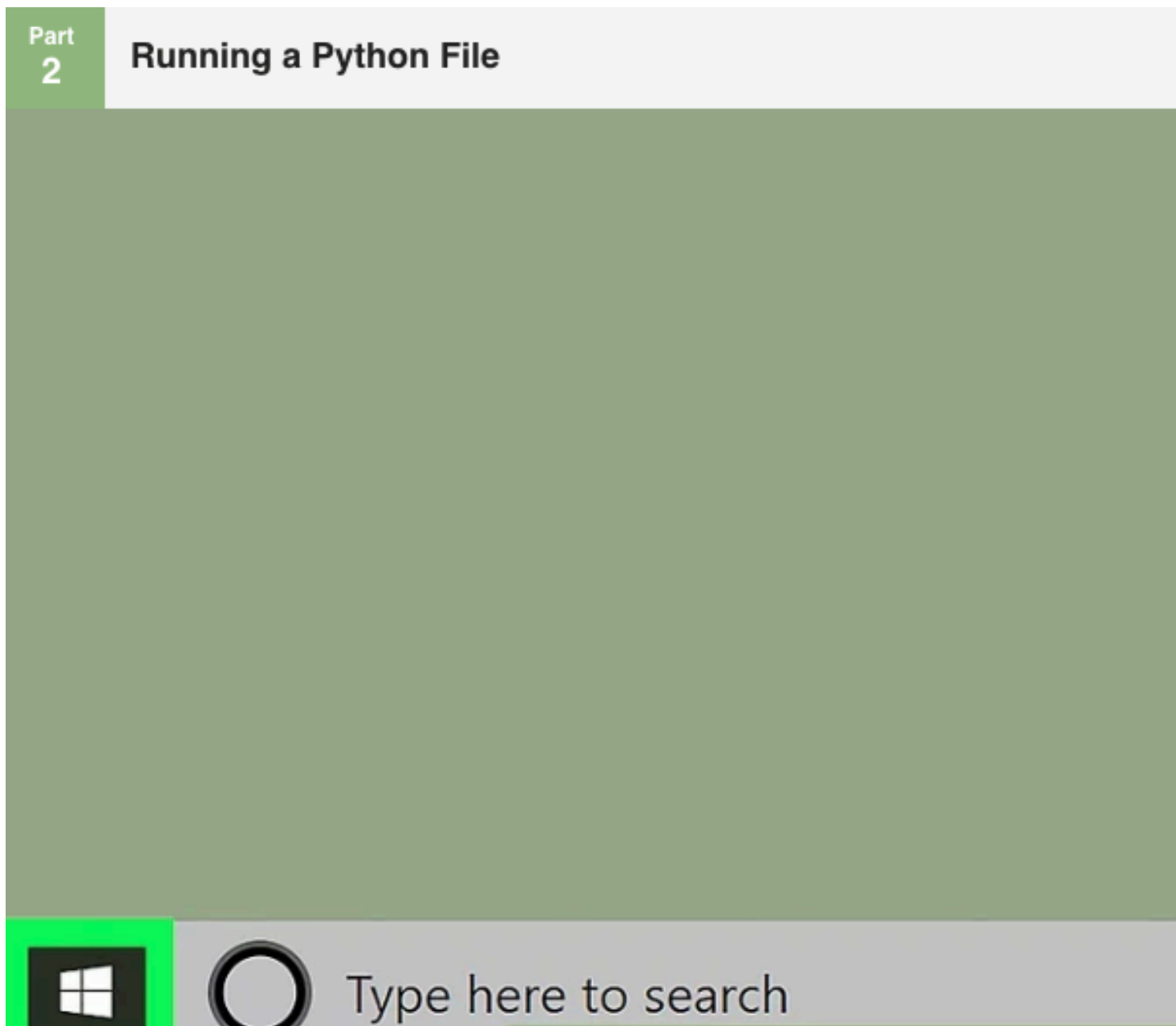


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6.Open Start

Click the Windows logo in the bottom-left corner of the screen. The Start menu will



7.Search for Command Prompt.

Type in cmd to do so.

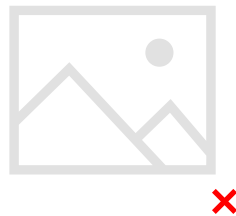
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8. Click Command Prompt.

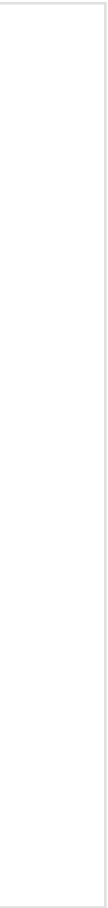
It's at the top of the Start menu. Doing so will open Command Prompt.



9. Switch to your Python file's directory.

Type `cd` and a space, then type in the "Location" address for your Python file and press `↵` Enter.

- For example, to open a Python file in a folder named "Files" on your Desktop, v



you would

enter `cd desktop/Files` here.

- If you copied the path to the file, you can type in `cd` and a space and then press `Ctrl+V` to paste in the path.



10. Enter the "python" command and your file's name.

Type in `python file.py` where *file* is your Python file's name.

- For example, if your Python file is named "script", you would type in `python script.py`.
- If your Python file has one or more spaces in its name, you'll place quotation marks around the file name and extension (e.g., `python "my script.py"`).

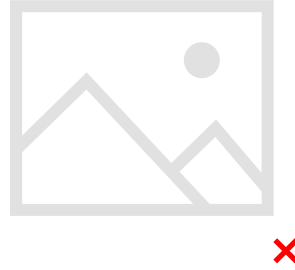


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11.Adding Python to the PATH List

Enable viewing for hidden folders. Since one of the folders that contains your Python installation folder is most likely hidden, you'll have to unhide it before proceeding

- Open File Explorer
- Click the **View** tab.
- Check the "Hidden items" box.



12.Navigate to your Python folder.

Python
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In some cases, the Python path is "C:\Python27"; however, if you've installed the most recent version of Python using the default settings, it's tucked away in a hidden folder.

You can copy the proper file path by doing the following:

- Click **This PC** on the left side of the File Explorer.
- Double-click your hard drive in the "Devices and drives" section.
- Scroll down and double-click the "Users" folder.
- Double-click the folder with your username on it.
- Scroll down and double-click "AppData".
- Double-click "Local".
- Scroll down and double-click "Programs".
- Double-click the "Python" folder.
- Double-click the Python folder with your preferred version number (e.g., "Python27").

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14. Copy the path to the Python folder.

Click once the address bar at the top of the File Explorer to highlight its contents, then press **Ctrl+C** to copy the highlighted address.



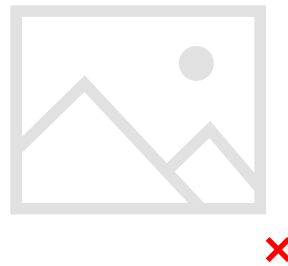
15. Open the Power User menu.

Right-click the **Start** icon to do so. You should see a pop-up menu appear.

- You can also press **Win+X** to open the Power User pop-up menu.



16. Click System. It's in the pop-up menu. A new window will open.



17. Click System info.

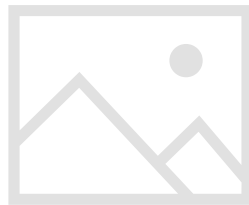
This is a link in the upper-right corner of the window.
Doing so opens the System Information window.



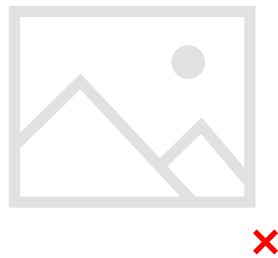


18. Click the **Advanced system settings** link.

You'll see this in the upper-left side of the System Information window.
Yet another window will pop up.



19. Click Environment Variables.... It's in the bottom-right corner of the pop-up window.



20. Find the "Path" heading in the "User variables" pane.

This window is at the top of the Environment Variables window.

- You may have to scroll up or down with your mouse cursor hovering over the "User variables" pane to find the "Path" variable.

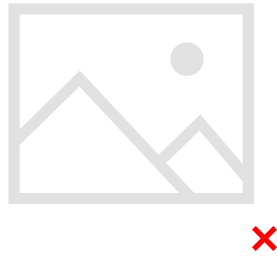


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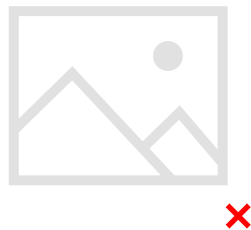
21. Double-click the "Path" heading.

Doing so opens a pop-up window.



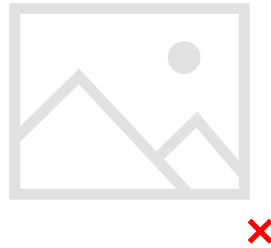
22. Click New.

It's on the right side of the window.
A text field will open in the middle of the window.



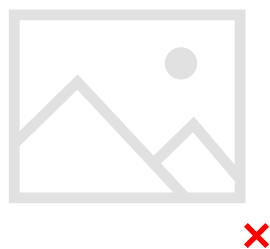
23. Paste in your copied path.

Press Ctrl+V to do so.
Your copied path will appear in the text field in the middle of the window.



24. Click OK on the three open windows.

This will save your changes and close the "Path" window, the "Environmental Variables" window, and the "System Properties" window.



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