

1. Accessing WSL Files from Windows

You should be able to access WSL files from Windows using **File Explorer** or **Command Prompt**.

Using File Explorer

1. Open **File Explorer** (Windows + E).
2. In the **address bar**, type:

```
ruby  
CopyEdit  
\\wsl$
```

This should open a window that lists all your WSL distributions (e.g., Ubuntu, Debian, etc.). If you have Ubuntu installed, it will appear here, and you can click to navigate to files.

Example: Navigate to:

```
arduino  
CopyEdit  
\\wsl$\Ubuntu\home\<your_username>
```

Using Command Prompt or PowerShell

1. Open **Command Prompt** or **PowerShell**.
2. Type:

```
arduino  
CopyEdit  
cd \\wsl$\Ubuntu\home\<your_username>
```

This should open the Ubuntu home directory.

2. Accessing Windows Files from WSL

If you can't access the Windows files via `/mnt/c/` (which is the typical mounting point for the C: drive), let's make sure your WSL is set up correctly.

Check WSL Version

If you're using **WSL 2**, it should already have access to Windows files automatically. You can check your version using this command:

1. Open **WSL** (Ubuntu terminal).
2. Run this command to check your version:

```
bash
CopyEdit
wsl --list --verbose
```

This should display whether you are using **WSL 1** or **WSL 2**. You need **WSL 2** to access Windows files more efficiently.

Accessing Windows Files

You can still access your Windows files even in **WSL 1**, but they will be mounted under `/mnt/`, like so:

1. Open **WSL (Ubuntu terminal)**.
2. Access the **C Drive** via:

```
bash
CopyEdit
cd /mnt/c/
```

3. You can also navigate to **Windows folders**:

```
bash
CopyEdit
cd /mnt/c/Users/<YourWindowsUsername>/Documents
```

3. Using VS Code to Access Files

You can open Windows files in **VS Code** from WSL using this method:

Open Windows Files in VS Code from WSL

1. In your **WSL terminal**, run the following to open the **Windows C drive** in VS Code:

```
bash
CopyEdit
code /mnt/c/Users/<YourWindowsUsername>/Documents
```

This should open the folder inside **VS Code**, allowing you to edit Windows files directly from WSL.

Open Files from WSL in VS Code

1. From your **Windows VS Code** (outside WSL), make sure you've installed the **Remote - WSL extension**:
 - Go to the **Extensions** view in VS Code.
 - Search for **Remote - WSL** and install it.
2. Press **Ctrl+Shift+P** and search for:

```
sql
CopyEdit
Remote-WSL: New Window
```

This will open a new VS Code window connected to your WSL.