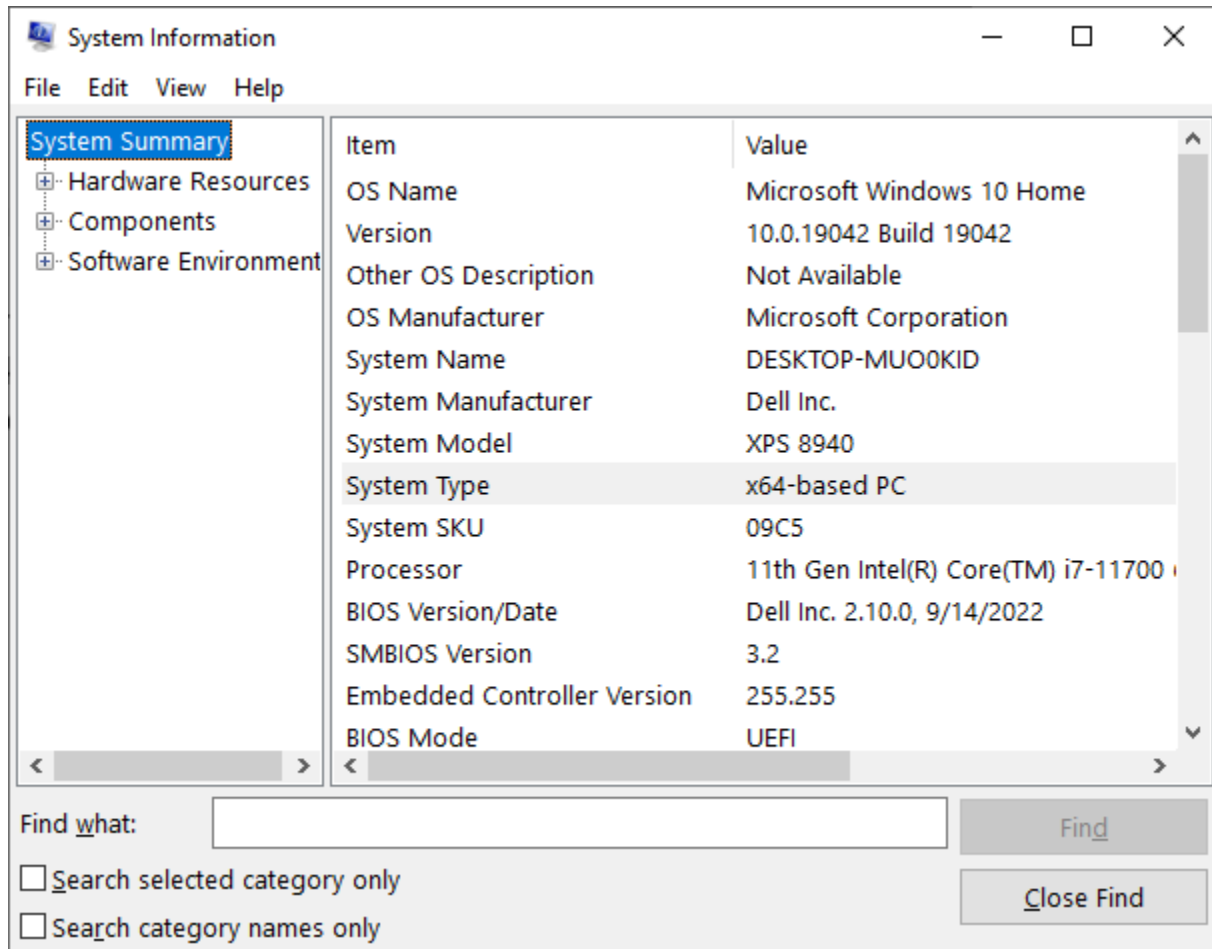
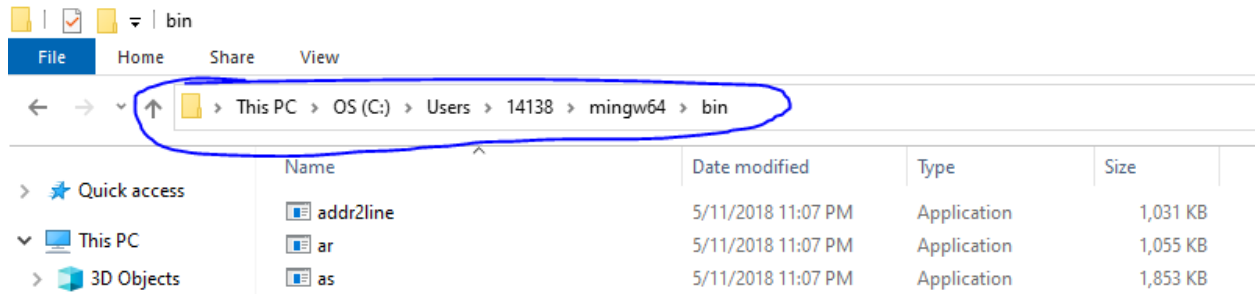


Installing MinGW for Windows Systems

1. Determine if your operating system is 32-bit or 64-bit. You can find this information by clicking the start menu and searching for **System Information**. Look under **System Type**.



2. Download the corresponding [32-bit](#) or [64-bit](#) configuration of MinGW. Right-click the archive and select **Extract All**, then **Extract**.
3. Open the folder and locate the subfolder named **mingw64**. Move this folder into your **Users** folder, usually located under:
This PC > Local Disk (C:) > Users > {your name}
4. Open the mingw64 folder and locate the **bin** subfolder. Find its **path** from the **address bar**.

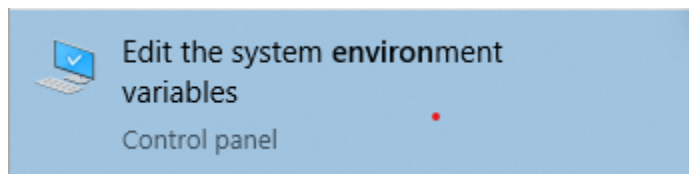


When you click on it, it will look something like this:

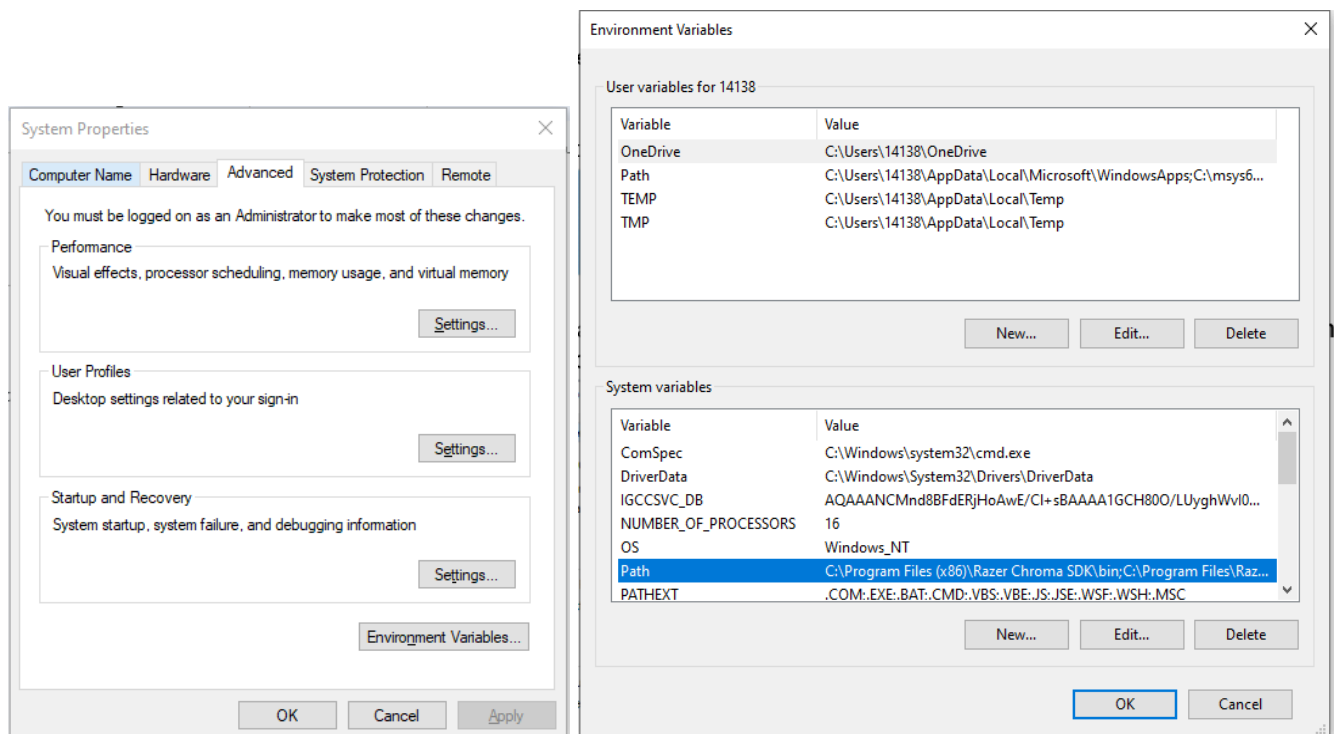
C:\Users\14138\mingw64\bin

Copy this path.

- Click the start menu and type environ. Select the following option:



- Navigate to **Environment Variables** (bottom right) then under **System Variables**, locate **Path** and click **Edit**.



7. Select **New** and paste the path copied in **step 4**. Close all windows by clicking **OK**.
8. You can **check** that gcc has been installed correctly by running the “**gcc -v**” command in the **Command Prompt**. You can open Command Prompt by searching “cmd” in the search bar. You might get a long output, but the last two lines should look similar to this example:

```
Thread model: posix  
gcc version 8.1.0 (x86_64-posix-seh-rev0, Built by MinGW-W64 project)
```