Installing SaVi in Windows

To install and run SaVi in Windows one needs the following components

- **Enable** the WSL and relevant features
- Install the **Ubuntu** app from the **Microsoft Store**
- Install an **X window server**
- **Run** a set of commands to install SaVi + geomview
- **Run** SaVi through the Ubuntu app

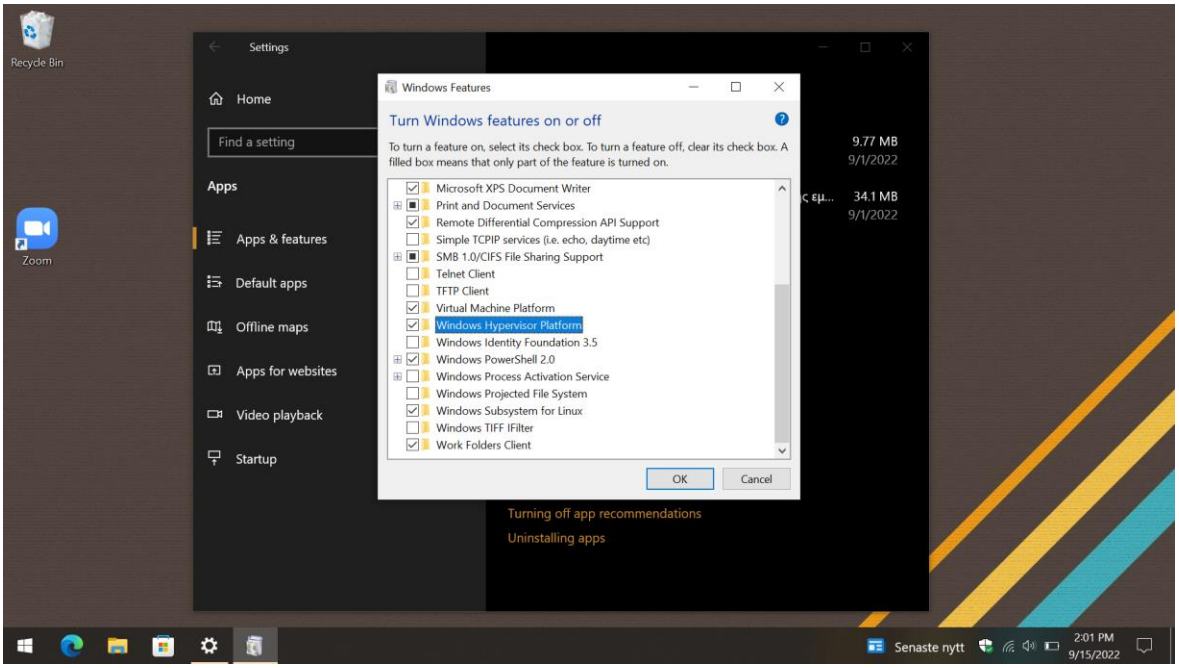
Step 1: Enable WSL and relevant features

Search for **Windows Features** in the start menu and the following window will appear. Check the following and restart

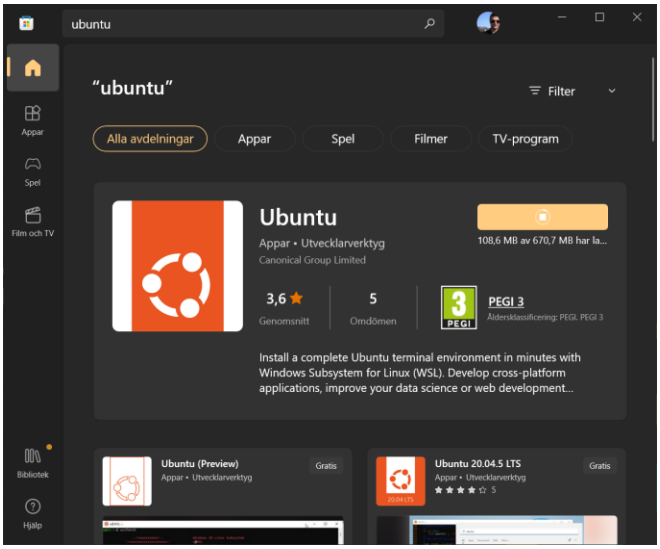
Virtual Machine Platform

Windows Hypervisor Platform

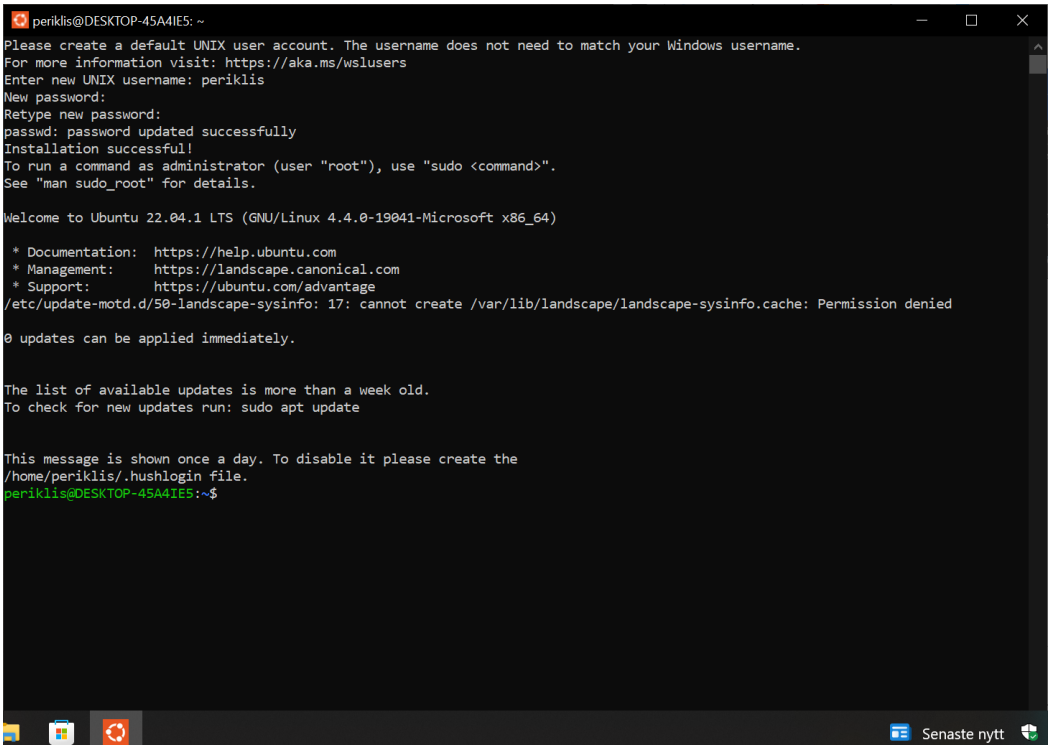
Windows Subsystem for Linux



Step 2: Install the Ubuntu app from the Microsoft Store



When this is done open and configure



Step 3: Install an X window server

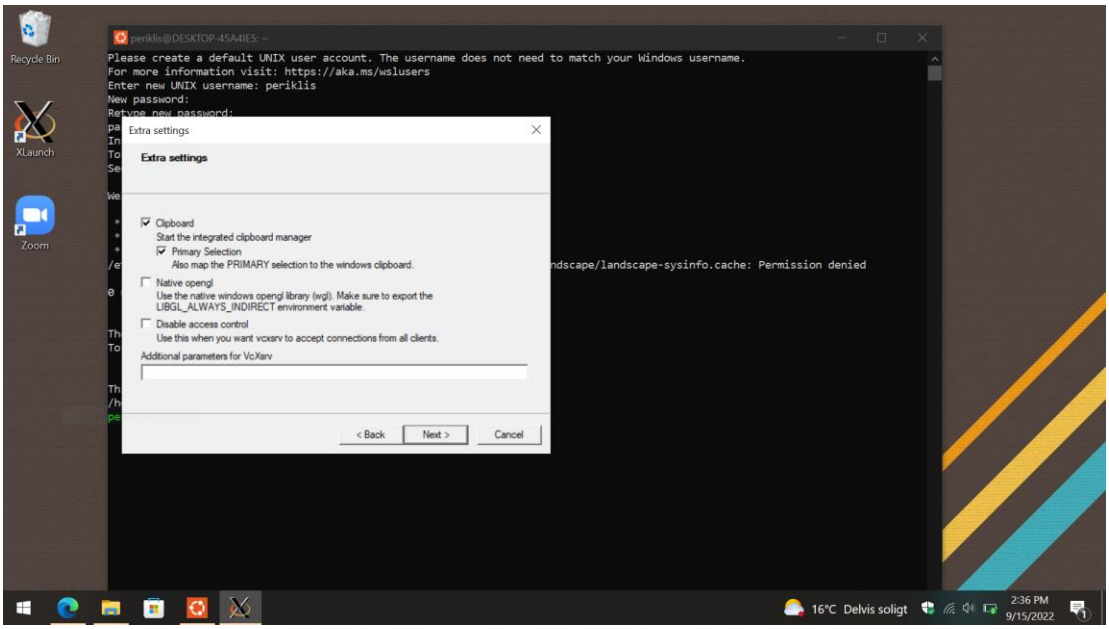
Download, install and configure [VcXsrv Windows X Server download | SourceForge.net]

Installing SaVi in Windows

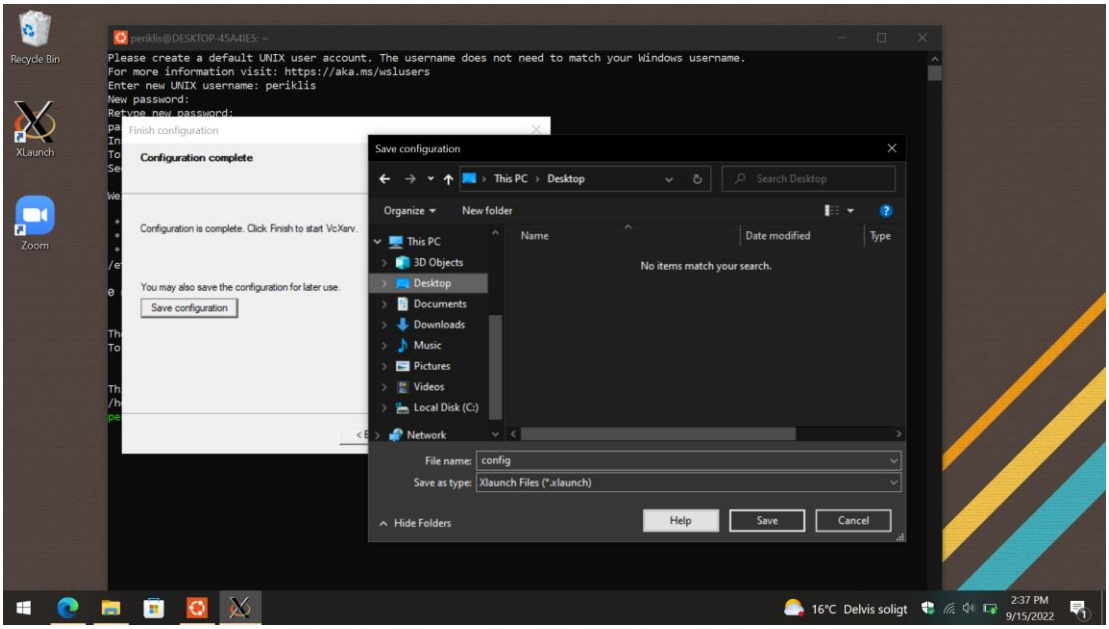
After installing, run Xlaunch for the first time and uncheck (if not already unchecked)

Native opengl

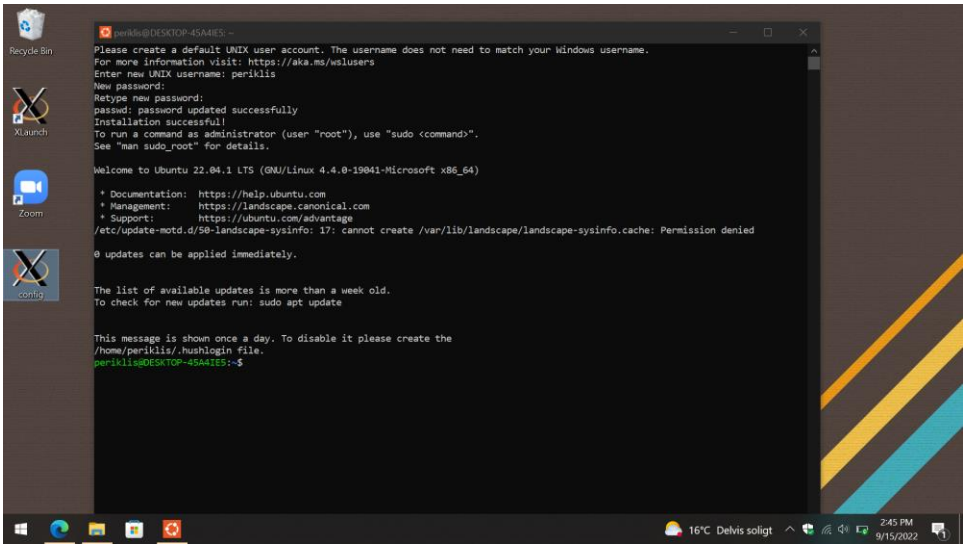
Disable access control



Then click **Save configuration** in a new file at the desktop



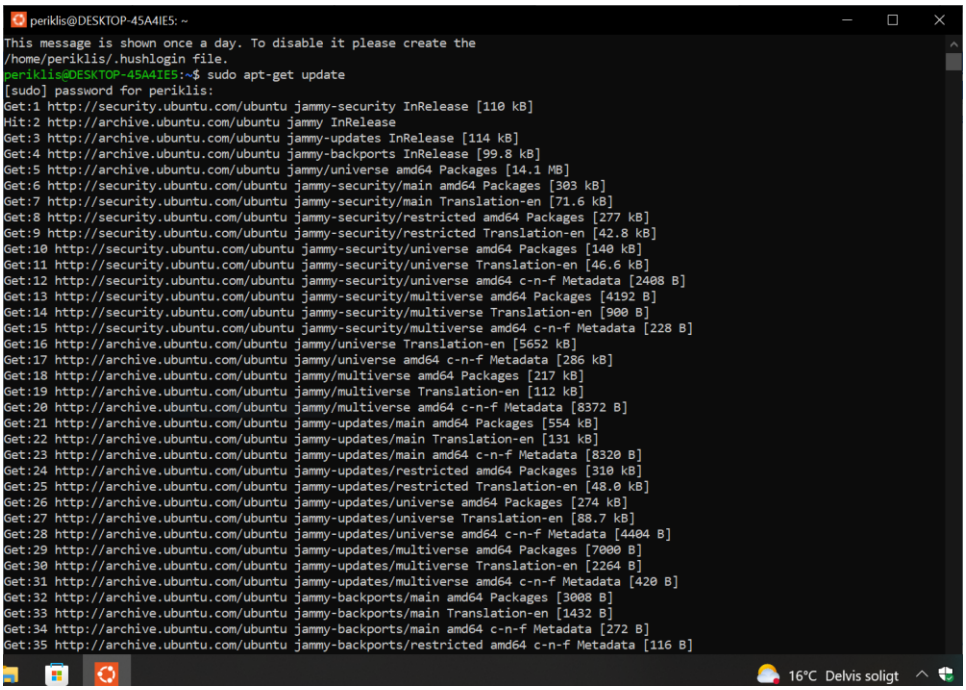
Whenever you want to launch the X window server, you should double-click on that file



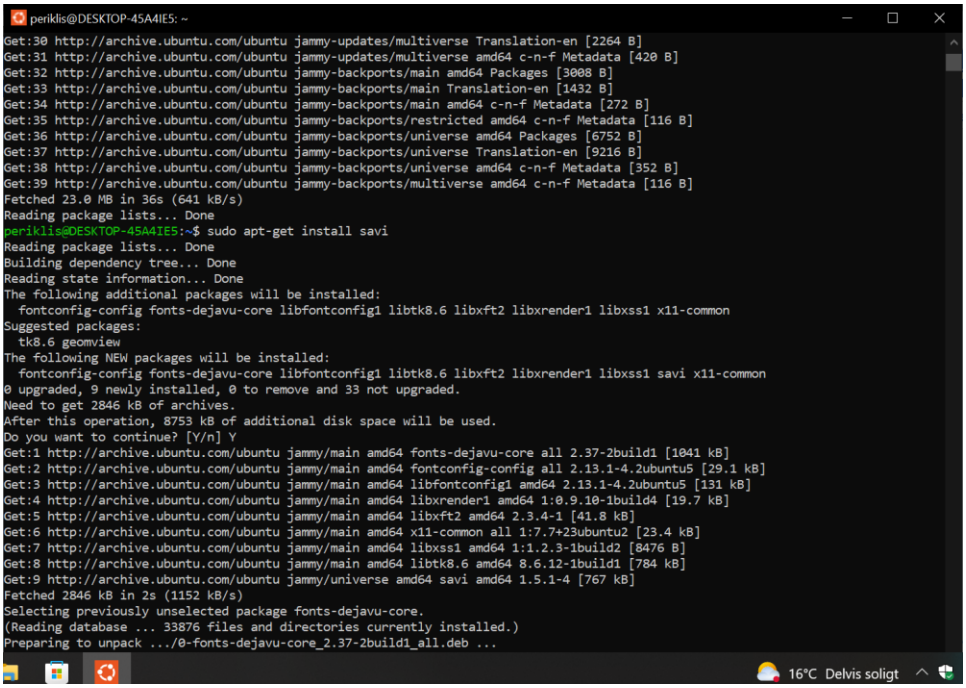
Step 4: Run a set of commands to install SaVi + geomview

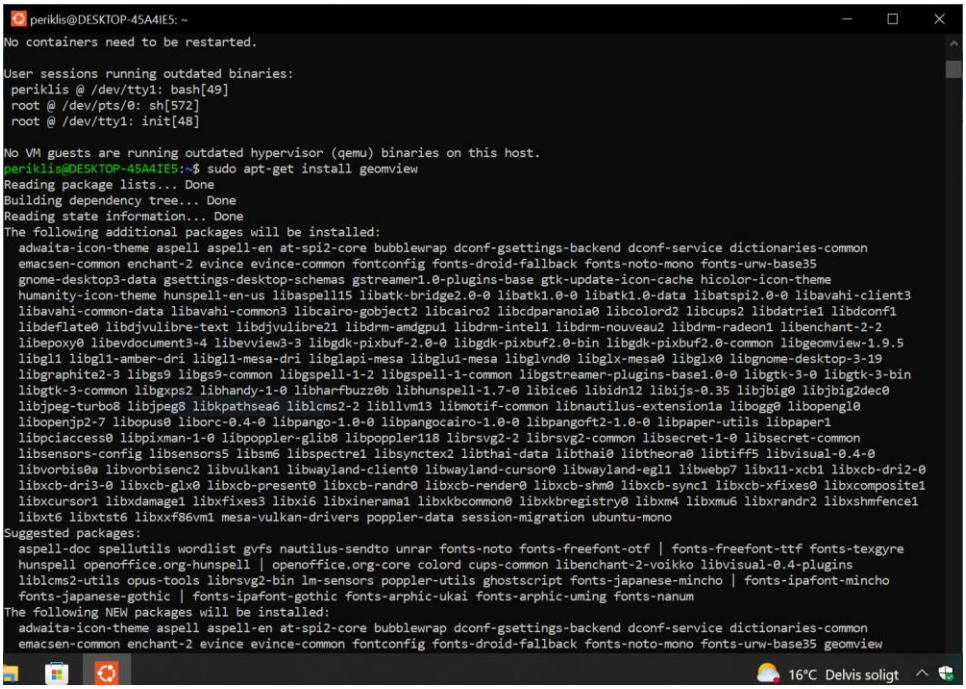
In the ubuntu app environment run

- **sudo apt-get update**
- **sudo apt-get install savi**
- **sudo apt-get install geomview**



Installing SaVi in Windows

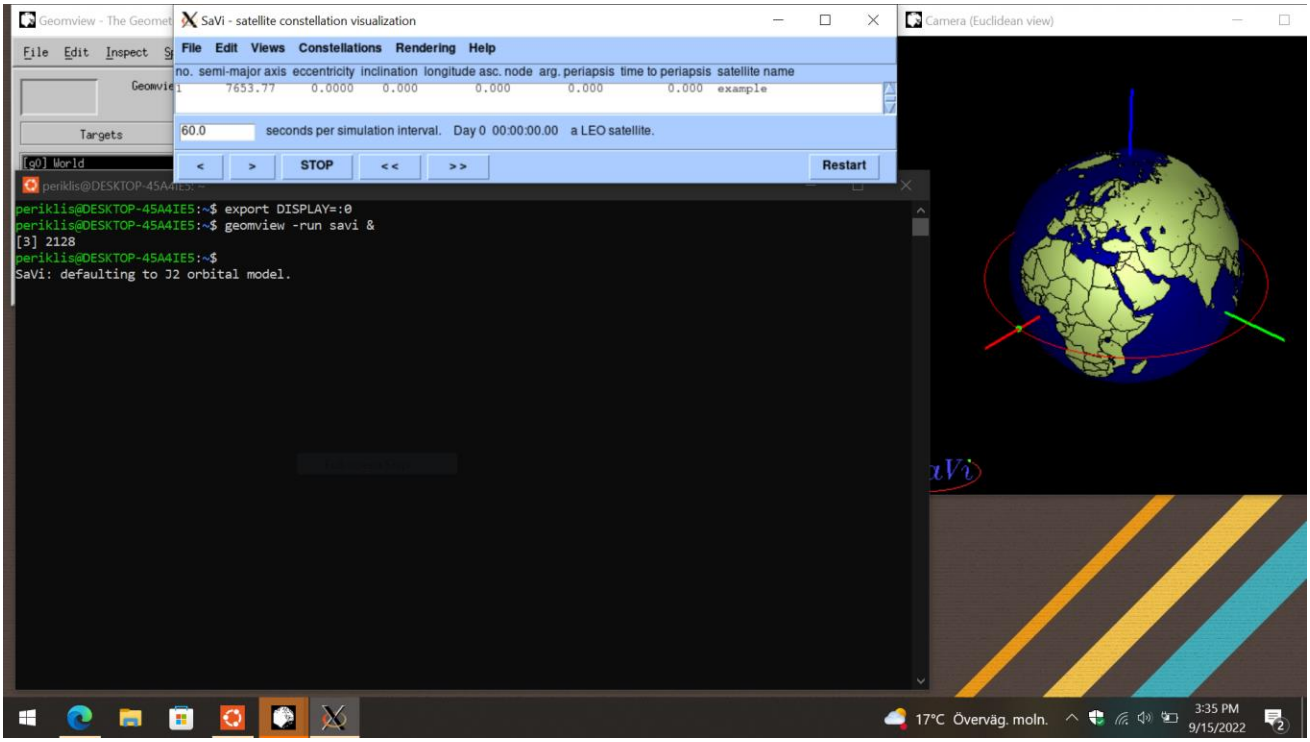




Step 5: Run SaVi through the Ubuntu app

Whenever you want to run SaVi you should

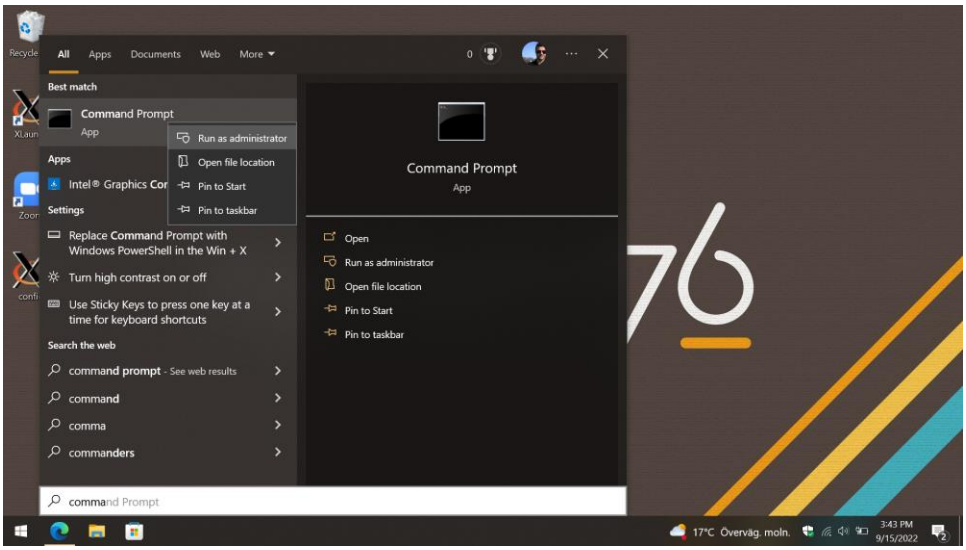
- Launch the X window server as described above
- Open the Ubuntu app and run **export DISPLAY=:0** and **geomview --run savi &**



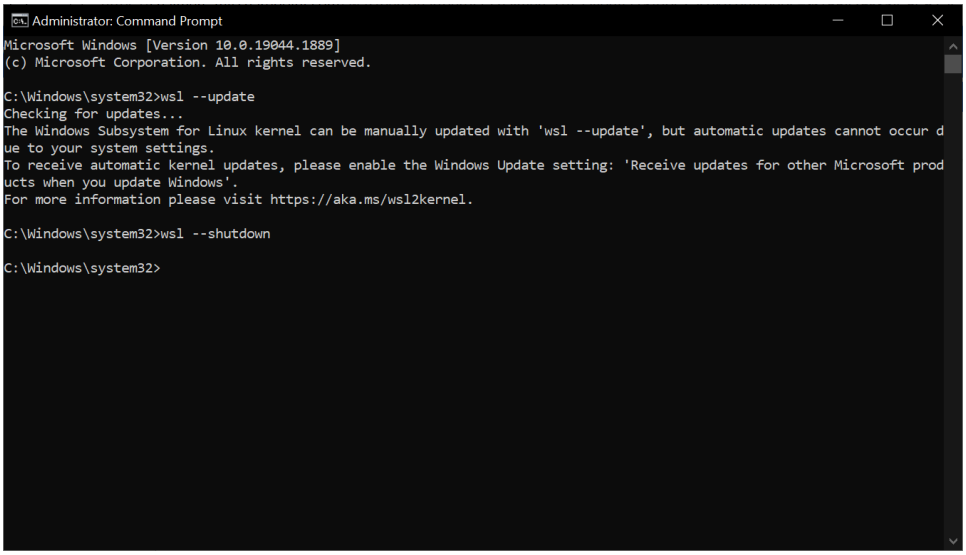
Troubleshooting:

If the texture of the globe is not recognized and you get the “1: gzip: Exec format error” along with other warnings when you launch savi, and want to correct it you should go through the following procedure.

- **Open the Windows Command prompt as Administrator**



- Run the **wsl --update** and **wsl --shutdown** commands and close the window

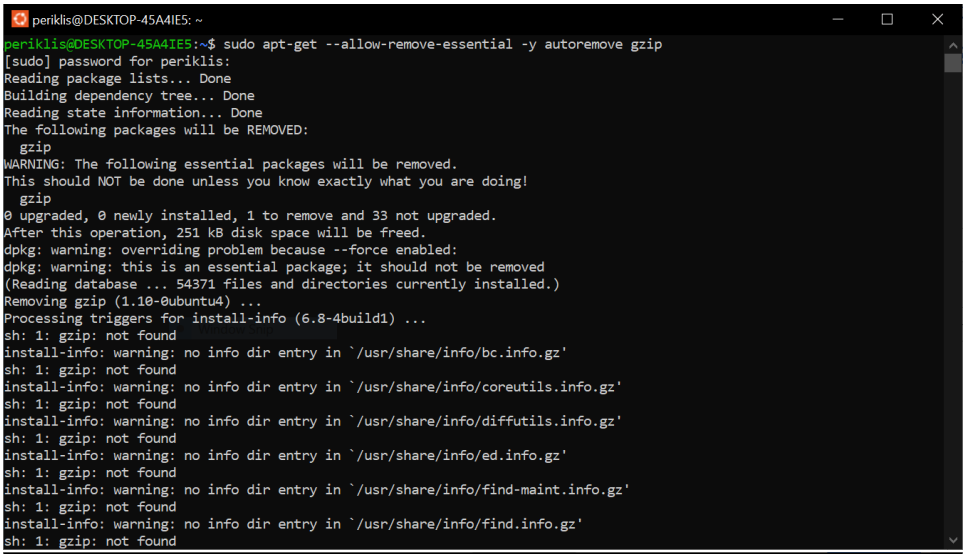


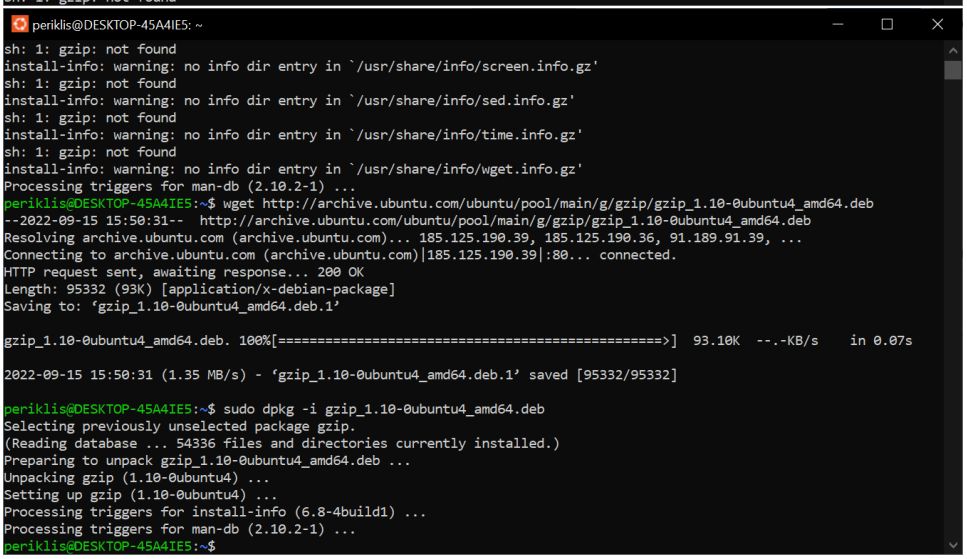
- Open the **Ubuntu app** and run the following commands

  sudo apt-get --allow-remove-essential -y autoremove gzip

  wget http://archive.ubuntu.com/ubuntu/pool/main/g/gzip/gzip_1.10-0ubuntu4_amd64.deb

  sudo dpkg -i gzip_1.10-0ubuntu4.1_amd64.deb





Try relaunching SaVi and the errors should be corrected.