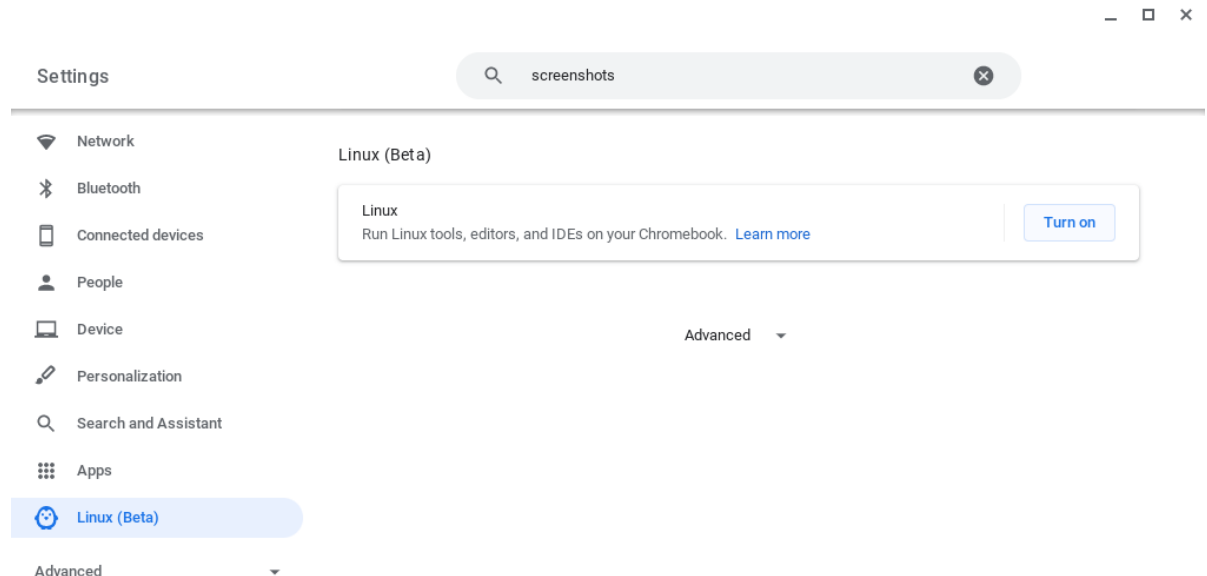


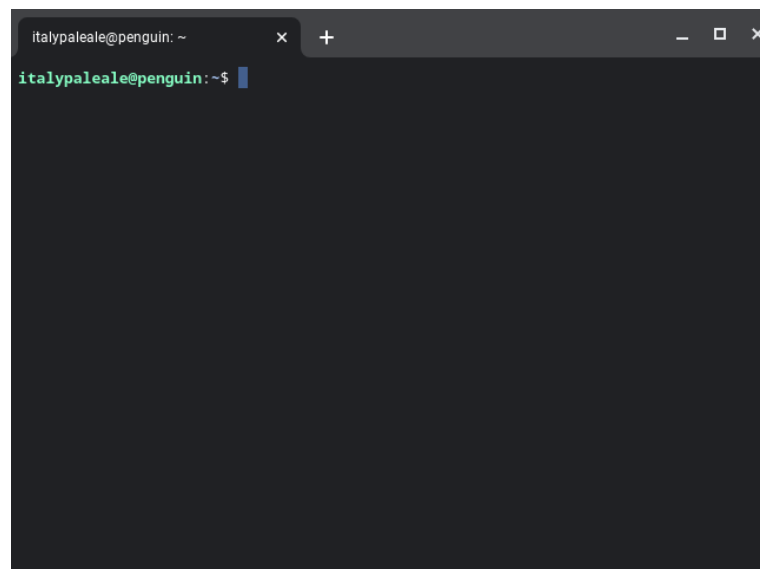
Chromebook VS Code Setup Guide:

Step1: Enable Linux on your Chromebook

- Open the system's Settings.
- Look for **Linux (Beta)** on the sidebar.



- Click on **Turn on**.
- Follow the instructions on screen to configure the Linux environment (accepting the default values should be enough).
- Your Chromebook will then download the tools to create the Linux environment and configure it for you.
- Once the Linux environment has been set up, you'll see a new terminal window popping up.



Step2: Setting up Linux

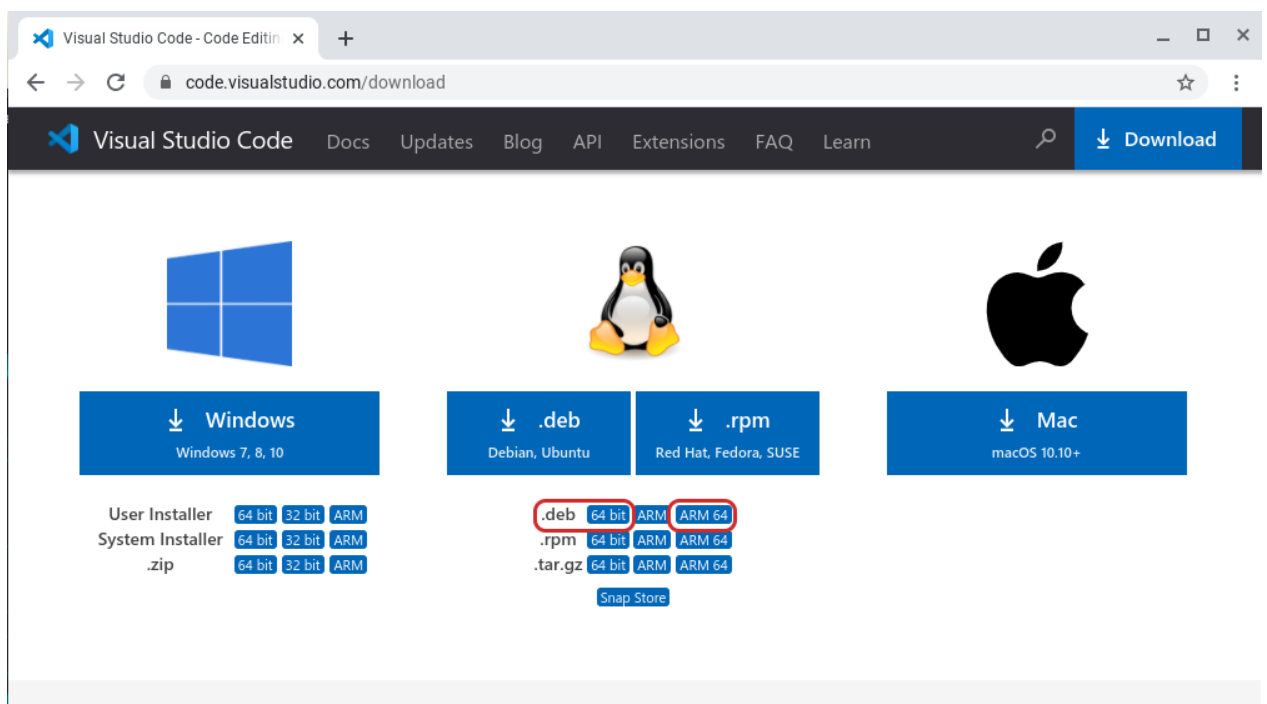
- In the terminal window, type the following commands and press enter.
 - `sudo apt-get update`

- `sudo apt-get install -y gnome-keyring`
- Output will be similar to the following.

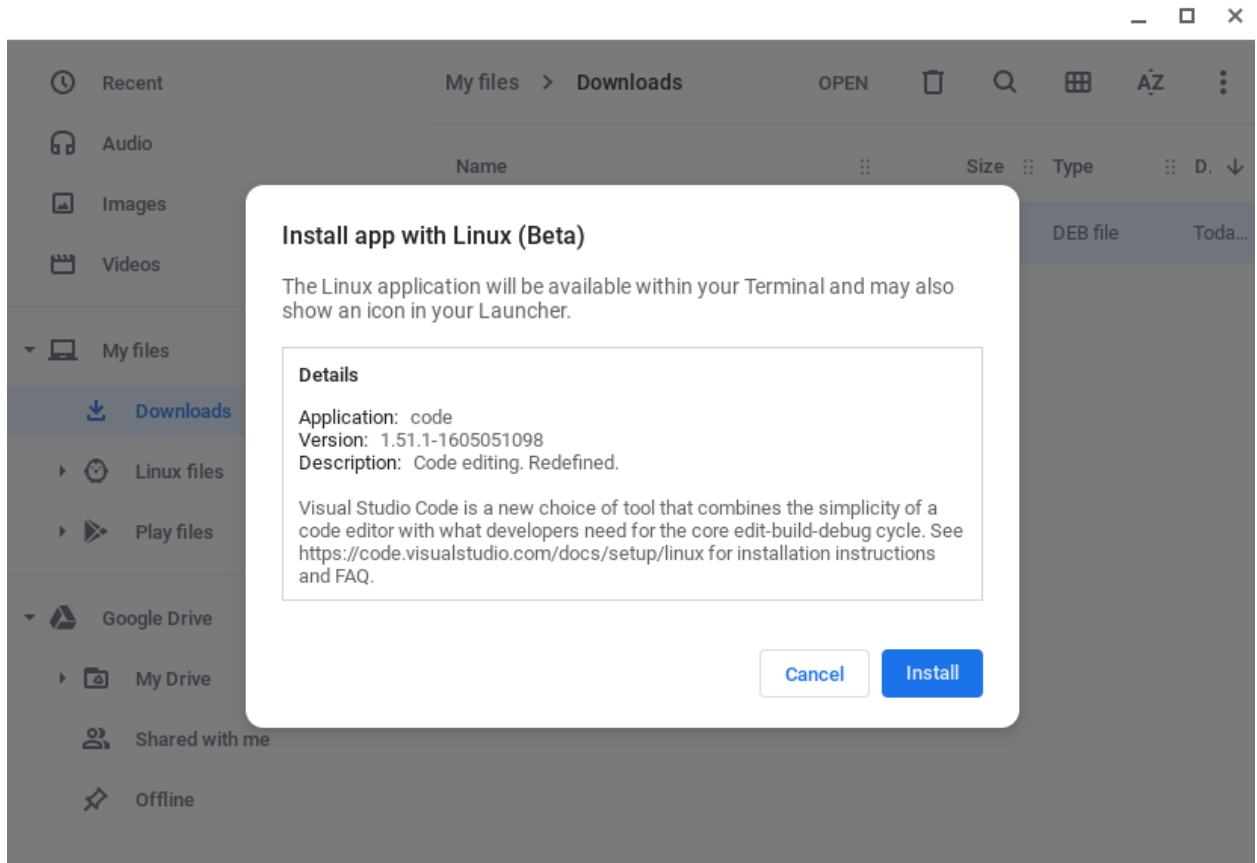
```
italypaleale@penguin: ~
italypaleale@penguin:~$ sudo apt-get update
Hit:1 https://deb.debian.org/debian buster InRelease
Ign:2 https://storage.googleapis.com/cros-packages/86 buster InRelease
Hit:3 https://deb.debian.org/debian-security buster/updates InRelease
Hit:4 https://storage.googleapis.com/cros-packages/86 buster Release
Reading package lists... Done
italypaleale@penguin:~$ sudo apt-get install -y gnome-keyring
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  gcr gnome-keyring-pkcs11 libgck-1-0 libgcr-base-3-1 libgcr-ui-3-1 libpam-gnome-keyring libsecret-1-0
  libsecret-common p11-kit p11-kit-modules pinentry-gnome3
Suggested packages:
  pinentry-doc
The following NEW packages will be installed:
  gcr gnome-keyring gnome-keyring-pkcs11 libgck-1-0 libgcr-base-3-1 libgcr-ui-3-1 libpam-gnome-keyring
  libsecret-1-0 libsecret-common p11-kit p11-kit-modules pinentry-gnome3
0 upgraded, 12 newly installed, 0 to remove and 41 not upgraded.
Need to get 2,895 kB of archives.
After this operation, 11.8 MB of additional disk space will be used.
Get:1 https://deb.debian.org/debian buster/main arm64 libgck-1-0 arm64 3.28.1-1 [81.4 kB]
Get:2 https://deb.debian.org/debian buster/main arm64 libgcr-base-3-1 arm64 3.28.1-1 [190 kB]
Get:3 https://deb.debian.org/debian buster/main arm64 libgcr-ui-3-1 arm64 3.28.1-1 [147 kB]
Get:4 https://deb.debian.org/debian buster/main arm64 gcr arm64 3.28.1-1 [244 kB]
Get:5 https://deb.debian.org/debian buster/main arm64 p11-kit-modules arm64 0.23.15-2 [208 kB]
Get:6 https://deb.debian.org/debian buster/main arm64 p11-kit arm64 0.23.15-2 [266 kB]
Get:7 https://deb.debian.org/debian buster/main arm64 libsecret-common all 0.18.7-1 [25.7 kB]
Get:8 https://deb.debian.org/debian buster/main arm64 libsecret-1-0 arm64 0.18.7-1 [93.9 kB]
Get:9 https://deb.debian.org/debian buster/main arm64 pinentry-gnome3 arm64 1.1.0-2 [64.8 kB]
```

Step3: Install VS Code

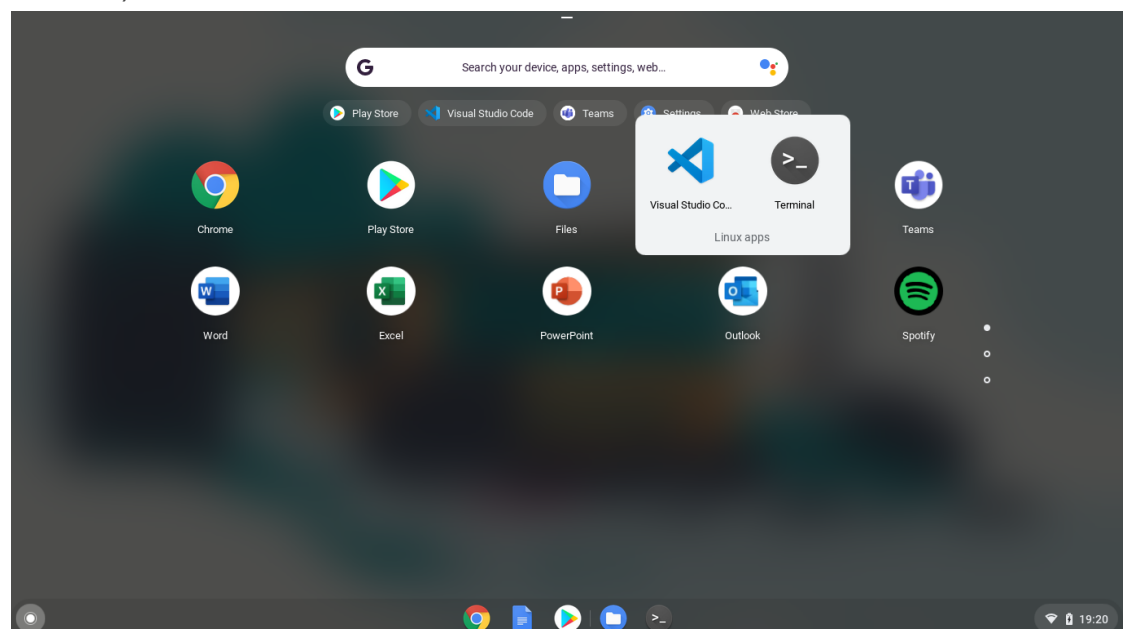
- Go to the Visual Studio Code [Download](https://code.visualstudio.com/download) page. From there, you need to pick the right package for your Chromebook:
 - For Chromebooks running an Intel or AMD chip, pick the **.deb** in variant **64 bit**.
 - If your Chromebook is running on an ARM64 chip (like the one I'm testing with), pick the **.deb** package in the variant **ARM64** instead.



- If you're unsure what kind of chip your Chromebook is using, run the command `dpkg --print-architecture` in the Linux terminal to find out. You'll see either `amd64` (for both Intel and AMD chips: pick the 64 bit variant for VS Code) or `arm64` (pick ARM64).
- After you've downloaded VS Code, you'll find the package in your Downloads folder. Double-click on the package to launch the installer and click Install.



- After the installation is complete, in your list of apps, you'll find Visual Studio Code inside a folder called Linux apps (along with the Linux terminal). You can now launch VS Code.



- You should see VS Code running, and at this point you're ready to start coding!

Acknowledgements:

Most of the content in this guide is taken from the official installation article available on the VS Code website: <https://code.visualstudio.com/blogs/2020/12/03/chromebook-get-started>.