

How to install ngrok on WSL:

Step 1: Go to the virtual environment venv(Optional) and your work directory

```
$ . venv/bin/activate
```

```
$ cd <path_to_your_work_directory>
```

Step 2: download ngrok zip file

```
wget https://bin.equinox.io/c/4VmDzA7iaHb/ngrok-stable-linux-amd64.zip
```

Step3: Unzip ngrok file

```
$ unzip ngrok-stable-linux-amd64.zip
```

In case you don't have unzip installed, you can do that like this:

```
$ sudo apt update
```

```
$ sudo apt upgrade
```

```
$ sudo apt install unzip
```

If you pass in this command ./ngrok, you'll see the output below:

```
$ ./ngrok
```

```
(venv) cindy@L-T450s: ~/week10/html$ ./ngrok
NAME:
  ngrok - tunnel local ports to public URLs and inspect traffic

DESCRIPTION:
  ngrok exposes local networked services behinds NATs and firewalls to the
  public internet over a secure tunnel. Share local websites, build/test
  webhook consumers and self-host personal services.
  Detailed help for each command is available with 'ngrok help <command>'.
  Open http://localhost:4040 for ngrok's web interface to inspect traffic.

EXAMPLES:
  ngrok http 80                                # secure public URL for port 80 web server
  ngrok http -subdomain=baz 8080               # port 8080 available at baz.ngrok.io
  ngrok http foo.dev:80                       # tunnel to host:port instead of localhost
  ngrok http https://localhost                # expose a local https server
  ngrok tcp 22                                # tunnel arbitrary TCP traffic to port 22
  ngrok tls -hostname=foo.com 443             # TLS traffic for foo.com to port 443
  ngrok start foo bar baz                     # start tunnels from the configuration file

VERSION:
  2.3.40

AUTHOR:
  inconshreveable - <alan@ngrok.com>

COMMANDS:
  authtoken  save authtoken to configuration file
  credits    prints author and licensing information
  http       start an HTTP tunnel
  start      start tunnels by name from the configuration file
```

Step5: Save authtoken to configuration file

```
$ ./ngrok authtoken 2CwdZqs93BTXbqCf0E4fM2nCS6M_XRSKS5La8SLcmDFdjUxf
```

Step6: Run the server

```
$ python -m http.server -cgi
```

Step7: Open another terminal to start ngrok tunnel

```
$ ./ngrok http 8000
```

```
cindy@L-T450s: ~/week10/html
ngrok by @inconshreveable

Session Status      online
Account             Cindy (Plan: Free)
Version             2.3.40
Region              United States (us)
Web Interface        http://127.0.0.1:4040
Forwarding           http://5787-99-22-52-23.ngrok.io -> http://localhost:8000
Forwarding           https://5787-99-22-52-23.ngrok.io -> http://localhost:8000

Connections          ttl    opn    rt1    rt5    p50    p90
0                   0      0.00   0.00   0.00   0.00
```