# Installing Open-WebUI in WSL (Option B)

## Step 1: Update packages

Open your WSL Ubuntu terminal and run:  
  
```bash  
sudo apt update && sudo apt upgrade -y  
```

## Step 2: Install Python tools

```bash  
sudo apt install -y python3-pip python3-venv  
```

## Step 3: Make a folder & virtual environment

```bash  
mkdir -p ~/apps/openwebui && cd ~/apps/openwebui  
python3 -m venv .venv  
source .venv/bin/activate  
```

## Step 4: Install Open-WebUI

```bash  
pip install --upgrade pip  
pip install open-webui  
```

## Step 5: Start Open-WebUI

Make sure Ollama is running first in another WSL tab, then run:  
  
```bash  
open-webui serve --host 0.0.0.0 --port 3000 --ollama-base-url http://127.0.0.1:11434  
```

## Step 6: Access from Windows

Open your browser at:  
  
http://localhost:3000

## Stopping & Restarting Later

When you close the terminal, the server stops. To restart:  
  
```bash  
cd ~/apps/openwebui  
source .venv/bin/activate  
open-webui serve --host 0.0.0.0 --port 3000 --ollama-base-url http://127.0.0.1:11434  
```

## Sanity Check (Ollama)

Before starting WebUI, make sure Ollama is serving:  
  
```bash  
pgrep -x ollama >/dev/null || (export OLLAMA\_NUM\_THREADS=12; nohup ollama serve --host 0.0.0.0 >/tmp/ollama.log 2>&1 &)  
curl -s http://127.0.0.1:11434/api/tags  
```  
You should see your models (`jenny-lite`, `jenny`).

## First Browser Login

On the first run, visiting http://localhost:3000 will ask you to create an account (local admin). Then go to Settings → Models and pick `jenny-lite` as default.