Currenlty, I have instructions to run nlop on Linux and Mac only. For Windows, please install Ubuntu via virtual machine. See “Lec 0: Installation” at tiny.cc/mujoco on how to do this.

Instructions for Mac/Linux

1) Download the latest version, https://nlopt.readthedocs.io/en/latest/#download-and-installation

2) Unzip in a suitable location. Say Documents.

3) In terminal navigate to the folder and type
mkdir build
cd build
cmake .
make
sudo make install

Also see: https://nlopt.readthedocs.io/en/latest/NLopt_Installation/

4) Navigate to this folder or the folder with tutorial.c.
gcc tutorial.c -o tutorial -w -lnlopt -lm
./tutorial

If nlopt was successful you will see the output
found minimum at f(0.333333,0.296296) = 0.5443310474

You are all set

5) The file constrained.c shows a more generic example. We will reuse this code when we develop code in MuJoCo
gcc constrained.c -o constrained -w -lnlopt -lm
./constrained

If this runs fine you would see the output
found minimum at
f(1.77378,1.77354,1.45269,-0.110295,4.959
45e-05) = 8.414180297