

Installing XCrySDen (Ubuntu/Debian)

Shell

1. `sudo apt update`
2. `sudo apt install xcrysden`

Visualize QE Input

1. Visualizing the initial structure before calculations:

Shell

```
xcrysden --pwi graphene.scf.in
```

2. Running SCF

Shell

```
pw.x < graphene.scf.in > graphene.scf.out
```

3. Visualizing the structure after calculations

Shell

```
xcrysden --pwo graphene.scf.out
```

ALTERNATIVE 2

Shell

```
/opt/local/bin/pwi2xsf ~/Desktop/si.scf.in > Desktop/si.xsf  
xcrysden --xsf si.xsf  
(the paths should be revised accordingly)
```