

```

&CONTROL
  calculation = 'scf'
/
&SYSTEM
  ecutwfc = 25.0
  ecutrho = 200.0
  ...
/
ATOMIC_POSITIONS alat
  Si      0.00  0.00  0.00
  Si      0.25  0.25  0.25

K_POINTS automatic
  4 4 4    1 1 1

```

pw.Si.in



Run from terminal as:

```
pw.x -in pw.Si.in > pw.Si.out
```

```

CONTROL {
  calculation = 'scf'
}
SYSTEM {
  ecutwfc = 25.0
  ecutrho = 8*25.0
  ...
}
ATOMIC_POSITIONS alat {
  Si      0.0  0.0  0.0
  Si      1/4  1/4  1/4
}
K_POINTS automatic {
  4 4 4    1 1 1
}

```

runPW pw.Si.in

Si_bulk.pwtk

Run from terminal as:

```
pwtk Si_bulk.pwtk
```