- When you run the script, you will see some output to the console. This is mostly from the StateData reporter
  - Notice that the potential energy goes slightly up. This is because we started with a minimized structure.
- If you type `ls' again, you will see that the simulation created two files
  - ubq_mod.pdb - the model that includes hydrogen but not water
  - trajectory.dcd - the actual simulation data

```
(openmm) Minh-IIT-MBP2018:[~/Desktop/OpenMM]: python MD_ubq.py
Minimizing...
Running Production...
#"Progress (%)" "Step"  "Time (ps)"      "Potential Energy (kJ/mole)"     "Temperature (K)"        "Speed (ns/day)"
Time Remaining"
10.0%    100     0.20000000000000015      -12936.42476230517       183.51751922475094       0          --
20.0%    200     0.4000000000000003       -12646.180945641867      208.17988992042834       66.3       0:02
30.0%    300     0.6000000000000004       -12391.382319417527      222.92731255729387       63.9       0:01
40.0%    400     0.8000000000000006       -12397.931712869551      252.91336736415292       63.2       0:01
50.0%    500     1.0000000000000007       -12164.42101471391       261.4505010540196        63.7       0:01
60.0%    600     1.2000000000000008       -11959.584803213324      267.99278996281504       63.9       0:01
70.0%    700     1.40000000000000001      -11810.354813818332      278.89717139432463       64.1       0:00
80.0%    800     1.6000000000000012       -11819.44354535209       280.87644275577924       64.5       0:00
90.0%    900     1.8000000000000014       -11761.649241585736      281.12817290253514       64.6       0:00
100.0%   1000    2.000000000000013        -11685.676062540104      281.4727076092732        64.9       0:00
Done!
(openmm) Minh-IIT-MBP2018:[~/Desktop/OpenMM]: ls
1ubq.pdb        MD_ubq.py       trajectory.dcd ubq_mod.pdb
(openmm) Minh-IIT-MBP2018:[~/Desktop/OpenMM]:
```

Visualizing Results