

Week 2

Part 1:

I ran the max_temperature script on 3 data sets. Following are the outputs and execution time:



```

[ubuntu@ubuntu-xenial:/vagrant$ time ./max_temperature.sh
1990      607

real      0m6.862s
user      0m10.320s
sys       0m1.412s
ubuntu@ubuntu-xenial:/vagrant$ ]
```

The image shows a terminal window titled "vagrant — ubuntu@ubuntu-xenial: /vagrant — ssh • vagrant ssh — 80x24". The terminal displays the command `time ./max_temperature.sh` and its output. The output consists of two lines: `1990` and `607`. Below this, the execution time is shown in three lines: `real 0m6.862s`, `user 0m10.320s`, and `sys 0m1.412s`. The prompt `ubuntu@ubuntu-xenial:/vagrant$` is visible at the bottom of the terminal.

```

[ubuntu@ubuntu-xenial:/vagrant$ time ./max_temperature.sh
1990      607
1991      607
1992      605
1993      567

real      1m31.215s
user      2m18.604s
sys       0m15.056s
ubuntu@ubuntu-xenial:/vagrant$ ]
```

```

[ubuntu@ubuntu-xenial:/vagrant$ time ./max_temperature.sh
1990      607
1992      605

real      0m46.692s
user      1m11.948s
sys       0m7.916s
ubuntu@ubuntu-xenial:/vagrant$ ]
```

Part 2: to be continue...