## HW #1

## Part1:

- -Computation
- -Storage
- -Communication
- -I/O Devices

## Part2: average.c

```
dereky1@odin:~/143a/hw/hw1/part2
                                                                          \times
Script started on Wed 05 Oct 2016 07:04:12 PM PDT
 []0;dereky1@odin:~/143a/hw/hw1/part2^G^[[?1034hdereky1@odin 19:04:12 ~/143a/hw/
hw1/part2
$ make run^
gcc -I.
         average.c
                       -o average^M
./average numbers.dat^
The average of the 10 numbers in the file "numbers.dat" is:^M
 []0;dereky1@odin:~/143a/hw/hw1/part2^Gdereky1@odin 19:04:18 ~/143a/hw/hw1/part2
$ exit^M
exit^M
Script done on Wed 05 Oct 2016 07:05:16 PM PDT
                                                               1,1
                                                                              A11
```

Submitter: dereky1(Yang, Derek)

## Part3: compute.c

```
dereky1@odin:~/143a/hw/hw1/part3
                                                                                X
Script started on Wed 05 Oct 2016 06:59:11 PM PDT
 []0;dereky1@odin:~/143a/hw/hw1/part3^G^[[?1034hdereky1@odin 18:59:11 ~/143a/hw/hw
1/part3
$ cat > Sample ^H^[[KInput^M
40°N
10^M
20^M
30^1
100<sup>M</sup>
90^<u>M</u>
60^H ^H^H ^H50^M
60<sup>^</sup>M
70^M
80^1
 []0;dereky1@odin:~/143a/hw/hw1/part3^Gdereky1@odin 18:59:40 ~/143a/hw/hw1/part3
$ make run^M
gcc -I. compute.c -o compute^M
compute < SampleInput^M
max: 100.000000^
min: 10.000000°
average: 55.000000^
 []0;dereky1@odin:~/143a/hw/hw1/part3^Gdereky1@odin 18:59:47 ~/143a/hw/hw1/part3
$ exit^M
exit^M
Script done on Wed 05 Oct 2016 06:59:55 PM PDT
                                                                                   A11
```