

Hi all,

Network Tunneling

Chenzhang Hu

Weekly Challenge #5 Review

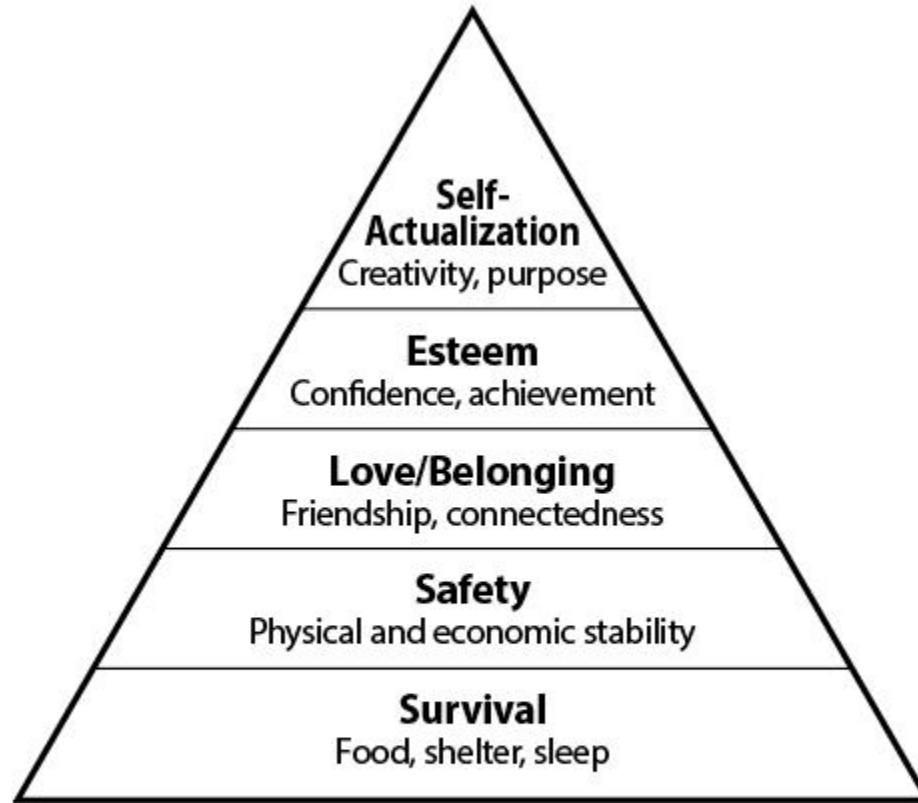
Social Circles

Alex Li

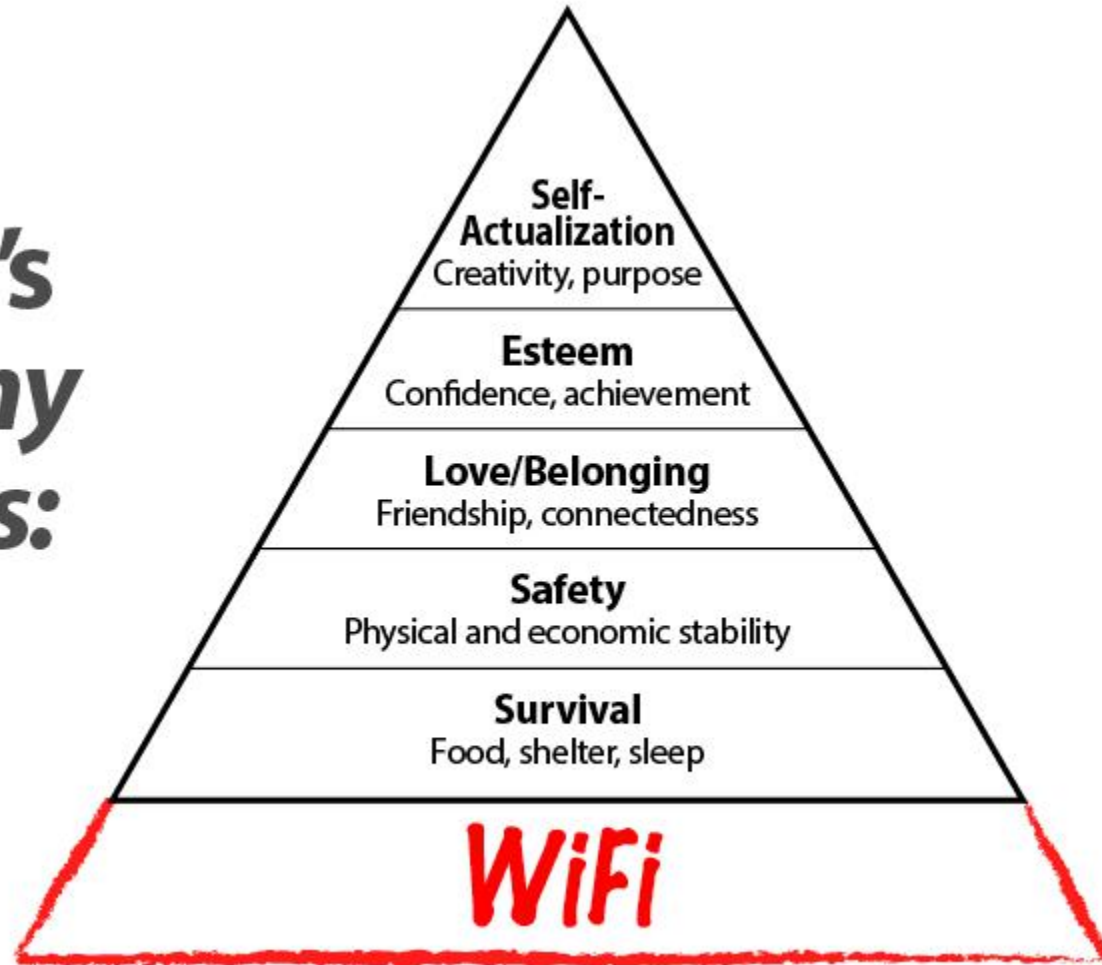
Weekly Challenge #6

Chenzhang Hu

Maslow's *Hierarchy* *of Needs:*



Maslow's *Hierarchy of Needs:*



OSU Wireless

Suppose OSU Wireless will not
available if we are outside of a building.

OSU Wireless

Suppose OSU Wireless will not be available if we are outside of a building.

Given the campus map, if we want to visit all the buildings on campus, how many times at least will we lose Wi-Fi connection?

OSU Wireless

Given the campus map, if we want to visit all the buildings on campus, how many times at least will we lose Wi-Fi connection?

OSU Wireless

Given the campus map, if we want to visit all the buildings on campus, how many times at least will we lose Wi-Fi connection?

Easy version: None of the buildings is surrounded by any other building(s).

OSU Wireless

Given the campus map, if we want to visit all the buildings on campus, how many times at least will we lose Wi-Fi connection?

Hard version: No restriction.

Sample Input

```
. . . . .
.XXX. .XXX. . .XXX.
XXXXX.XXXX. .XXX.
.XXX. . .XXXXXXXXX.
. . .X.XXX. . .XXXX.
.X.X.XXX. . .XXXX.
.X.X.XXX. . .XXX.
. . . . .
```

Sample Output

2

Sample Input

```

. . . . .
. XXX . . XXX . . XXX .
. XXXX XXXX . . XXX .
. XXX . . XXXXXXXXX .
. . . X XXX . . XXXX .
. X X XXX . . XXXX .
. X X XXX . . XXX .
. . . . .

```

Sample Output

2

Sample Input

.
 . XXX . . XXX . . XXX .
 . XXXX . XXXX . . XXX .
 . XXX . . XXXXXXXXX .
 . . X . XXX . . XXXX .
 . X . X . XXX . . XXXX .
 . X . X . XXX . . XXX .

Sample Output

2

Let's have a try!

https://github.com/OSUACM/Weekly_Events/blob/master/2018-10-22/OSU-Wireless.in