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Project 1.

Task1.

[This was an ascii file in Phrack, Volume Seven, Issue Forty-Nine, November 08, 1996.]

.oO Phrack 49 Oo.

Volume Seven, Issue Forty-Nine File 14 of 16

BugTraq, r00t, and Underground.Org

bring you

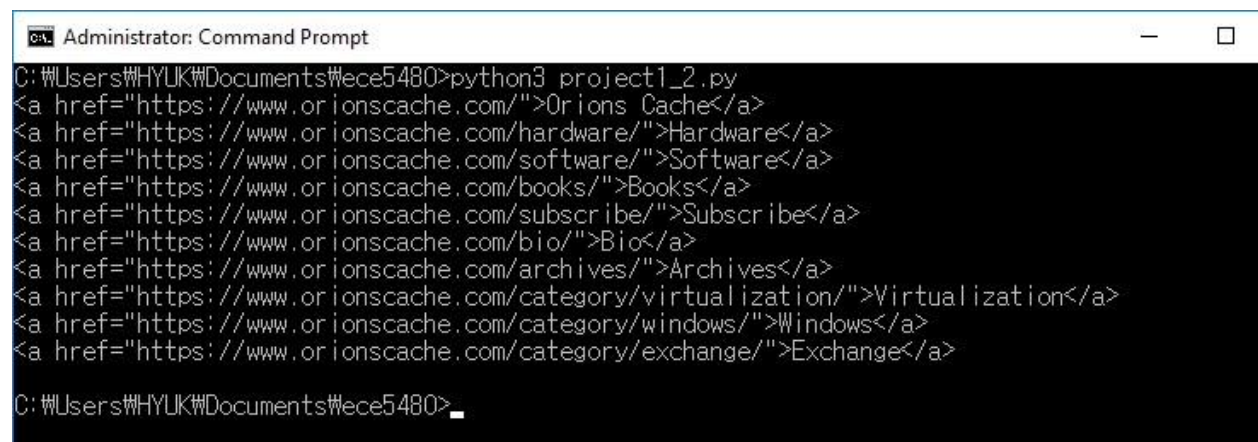
Smashing The Stack For Fun And Profit

Aleph One

aleph1@underground.org

`smash the stack' [C programming] n. On many C implementations it is possible to corrupt the execution stack by writing past the end of an array declared auto in a routine. Code that does this is said to smash the stack, and can cause re

Task2.



```
C:\Users\HYUK\Documents\ece5480>python3 project1_2.py
<a href="https://www.orionscache.com/">Orions Cache</a>
<a href="https://www.orionscache.com/hardware/">Hardware</a>
<a href="https://www.orionscache.com/software/">Software</a>
<a href="https://www.orionscache.com/books/">Books</a>
<a href="https://www.orionscache.com/subscribe/">Subscribe</a>
<a href="https://www.orionscache.com/bio/">Bio</a>
<a href="https://www.orionscache.com/archives/">Archives</a>
<a href="https://www.orionscache.com/category/virtualization/">Virtualization</a>
<a href="https://www.orionscache.com/category/windows/">Windows</a>
<a href="https://www.orionscache.com/category/exchange/">Exchange</a>
C:\Users\HYUK\Documents\ece5480>
```

Task3.

Task4.

Ip Addresses were obtained from website “ <https://etherealmind.com/what-is-the-best-ip-address-to-ping-to-test-my-internet-connection/> ”, and my own cell phone ("192.168.1.134"). First result is cell phone wi-fi on followed by cell phone's wi-fi turned off.

```
Administrator: Command Prompt

C:\Users\HYUK\Documents\ece5480>python3 project1_4.py IoT
8.8.8.8 is UP
1.1.1.1 is UP
8.8.4.4 is UP
139.130.4.5 is UP
192.168.1.134 is UP

C:\Users\HYUK\Documents\ece5480>python3 project1_4.py IoT
8.8.8.8 is UP
1.1.1.1 is UP
8.8.4.4 is UP
139.130.4.5 is UP
192.168.1.134 is DOWN <OR> there is a NETWORKERROR

C:\Users\HYUK\Documents\ece5480>
```