

Create a script that reads a list or array called hosts and will ping 4 packets to every host in the list.

Let's suppose that the hosts are well written and active in Internet.

For each host checked, save the number of packets received successfully and the time the process needed to complete.

These two values must be saved in another file called hosts.log with the date when the ping was done.

Example of ping:

```
profesor@profesor-virtualbox:~/python$ ping -c 2 www.google.es
PING www.google.es (142.250.200.131) 56(84) bytes of data.
64 bytes from mad41s14-in-f3.1e100.net (142.250.200.131): icmp_seq=1 ttl=116 time=8.87 ms
64 bytes from mad41s14-in-f3.1e100.net (142.250.200.131): icmp_seq=2 ttl=116 time=8.74 ms

--- www.google.es ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1002ms
rtt min/avg/max/mdev = 8.743/8.808/8.874/0.065 ms
```

What should be stored in hosts.log is:

```
profesor@profesor-virtualbox:~/python$ cat hosts.log
2021-04-20 22:20:40.052248:www.google.es:2:1000ms
```

To get the time you can use the function `datetime.datetime.now()` from the library `datetime`.

The string function `split`: `string.split(separator)` works this way:

```
text="hello world"
```

```
text.split(":") → text=["hello","world"]
```