

05-logs

June 10, 2022

```
[1]: s = "This is a great string"
s.split(" ")
```

```
[1]: ['This', 'is', 'a', 'great', 'string']
```

```
[2]: str_list = s.split()
```

```
[3]: print(str_list)
```

```
['This', 'is', 'a', 'great', 'string']
```

```
[ ]: # read log file
with open("myLog.txt", "r") as file:
    print(file.read())
```

```
[5]: # parse log file
ips_connected_from = {}

with open("myLog.txt", "r") as file:
    """
    Traverse log and find IP that have connected to this machine
    put them in a dictionary to be pretty printed later.
    """
    for line in file:
        if "connection from" in line:
            parsed = line.split(" ")
            #print(parsed)
            ips_connected_from[line[:15]] = parsed[7]

#print(ips_connected_from)

# Create headers
print ("{:<17} {:<10}".format('DATE', 'IP'))

for date, ip in ips_connected_from.items():
    print ("{:<17} {:<10}".format(date, ip))
```

DATE	IP
Jun 17 07:07:00	24.54.76.216
Jun 17 07:07:02	24.54.76.216
Jun 17 07:07:04	24.54.76.216
Jun 17 20:55:06	82.252.162.81
Jun 17 20:55:07	82.252.162.81
Jun 18 02:08:10	82.252.162.81
Jun 18 02:08:11	82.252.162.81
Jun 18 02:08:12	82.252.162.81
Jun 20 03:40:59	222.33.90.199
Jun 22 13:16:30	210.245.165.136
Jun 22 13:16:31	210.245.165.136
Jun 22 13:16:32	210.245.165.136
Jun 24 18:55:11	218.69.108.57
Jun 24 18:55:18	218.69.108.57
Jun 25 09:20:24	210.118.170.95
Jun 25 19:25:30	211.167.68.59
Jun 25 19:25:31	211.167.68.59
Jun 25 19:25:34	211.167.68.59
Jun 29 03:22:22	61.74.96.178
Jun 29 03:22:23	61.74.96.178
Jun 29 10:48:01	208.62.55.75
Jun 29 10:48:05	208.62.55.75
Jun 29 10:48:06	208.62.55.75
Jun 29 10:48:08	208.62.55.75
Jun 29 10:48:10	208.62.55.75
Jun 29 10:48:12	208.62.55.75
Jun 29 10:48:13	208.62.55.75
Jun 29 10:48:15	208.62.55.75
Jun 29 10:48:17	208.62.55.75
Jun 29 10:48:18	208.62.55.75
Jun 29 10:48:20	208.62.55.75
Jun 29 10:48:21	208.62.55.75
Jun 29 14:44:35	210.223.97.117
Jul 01 07:57:30	202.82.200.188
Jul 03 10:05:25	203.101.45.59
Jul 03 23:16:09	62.99.164.82
Jul 04 12:52:44	63.197.98.106
Jul 05 13:52:21	211.72.2.106
Jul 05 13:52:23	211.72.2.106
Jul 06 18:00:56	211.72.151.162
Jul 06 18:00:57	211.72.151.162
Jul 07 16:33:52	202.82.200.188
Jul 07 23:09:45	221.4.102.93
Jul 07 23:09:47	221.4.102.93
Jul 07 23:09:50	221.4.102.93
Jul 09 11:35:59	211.57.88.250
Jul 09 12:16:49	211.167.68.59

Jul 09 12:16:51 211.167.68.59
Jul 09 12:16:52 211.167.68.59
Jul 09 12:59:44 81.171.220.226
Jul 09 12:59:45 81.171.220.226
Jul 09 22:53:19 206.196.21.129
Jul 09 22:53:22 206.196.21.129
Jul 10 03:55:15 217.187.83.139
Jul 10 07:24:24 82.83.227.67
Jul 10 07:24:34 82.83.227.67
Jul 10 13:17:22 220.94.205.45
Jul 15 23:42:43 211.107.232.1
Jul 15 23:42:44 211.107.232.1
Jul 16 08:14:04 212.65.68.82
Jul 16 08:14:07 212.65.68.82
Jul 17 04:06:32 83.116.207.11
Jul 17 06:13:37 83.116.207.11
Jul 17 06:13:38 83.116.207.11
Jul 17 06:14:36 83.116.207.11
Jul 17 08:06:12 218.146.61.230
Jul 17 08:06:14 218.146.61.230
Jul 17 09:44:07 210.245.165.136
Jul 17 12:30:35 207.30.238.8
Jul 17 12:30:37 207.30.238.8
Jul 17 12:30:42 207.30.238.8
Jul 17 12:30:43 207.30.238.8
Jul 17 12:30:46 207.30.238.8
Jul 17 12:30:47 207.30.238.8
Jul 17 12:30:48 207.30.238.8
Jul 17 12:30:51 207.30.238.8
Jul 17 12:30:53 207.30.238.8
Jul 17 12:30:54 207.30.238.8
Jul 17 12:30:57 207.30.238.8
Jul 17 12:30:58 207.30.238.8
Jul 17 12:30:59 207.30.238.8
Jul 17 12:31:00 207.30.238.8
Jul 17 12:31:04 207.30.238.8
Jul 17 14:02:39 207.30.238.8
Jul 17 14:02:43 207.30.238.8
Jul 17 14:02:44 207.30.238.8
Jul 17 14:02:47 207.30.238.8
Jul 17 14:02:48 207.30.238.8
Jul 17 14:02:49 207.30.238.8
Jul 17 14:02:54 207.30.238.8
Jul 17 14:02:55 207.30.238.8
Jul 17 14:02:57 207.30.238.8
Jul 17 14:02:59 207.30.238.8
Jul 17 14:03:00 207.30.238.8
Jul 17 14:03:04 207.30.238.8

Jul 17 14:03:05 207.30.238.8
Jul 17 15:09:15 203.101.45.59
Jul 17 15:09:16 203.101.45.59
Jul 17 15:09:17 203.101.45.59
Jul 17 21:23:20 82.68.222.194
Jul 17 21:23:23 82.68.222.194
Jul 17 21:23:24 82.68.222.194
Jul 17 23:21:50 82.68.222.195
Jul 17 23:21:54 82.68.222.195
Jul 18 03:26:48 211.72.151.162
Jul 18 03:26:49 211.72.151.162
Jul 21 09:04:41 216.12.111.241
Jul 21 09:04:43 216.12.111.241
Jul 22 09:27:24 211.42.188.206
Jul 22 19:29:09 67.95.49.172
Jul 22 19:29:10 67.95.49.172
Jul 24 02:38:22 84.102.20.2
Jul 24 13:46:32 211.107.232.1
Jul 24 13:46:34 211.107.232.1
Jul 24 13:46:35 211.107.232.1
Jul 25 06:39:18 206.47.209.10
Jul 25 23:24:09 217.187.83.50
Jul 26 05:47:42 172.181.208.156
Jul 26 05:47:51 172.181.208.156
Jul 27 10:59:53 218.38.58.3

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