20200818信息安全实训

笔记本：   我的第一个笔记本
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python脚本 upload-labs

使用python上传文件

urllab requests库

socket库

thread 线程调整 调用upload 多线程并发

pool 线程池

```python
MAX_TH_NUM = 2

with open("./111", "r") as f:
    data = f.read()

data = data.replace("\n", "\r\n")
data = data.encode("utf-8")

def upload(data, ip, port):
    s = socket.socket(
        socket.AF_INET,
        socket.SOCK_STREAM
    )

    s.connect((ip, port))
    s.send(data)
    s.close()
    print("%s end."%threading.current_thread().name)

pool = []
while True:
    if len(pool) < MAX_TH_NUM:
        for i in range(MAX_TH_NUM - len(pool)):
            th = threading.Thread(target=upload, args=(data, "127.0.0.1", 80))
            pool.append(th)
            th.start()

    for th in pool:
        if th.is_alive() == False:
            pool.pop(pool.index(th))

    print("Pool: %d"%len(pool))
```

for进行并发