

CSE3231: Computer Networks

Assignment #3: Socket Programming

Grant Butler | gbutler2020@my.fit.edu

The purpose of this assignment was to write a program that sends a UDP packet to a server and receives a reply. I wrote the program in Python, as that was the easiest to set up.

Code:

main.py :

```
1  import socket
2  HOST = '34.74.19.25'
3  PORT = 30315
4  SERVER_ADDR = (HOST, PORT)
5  email = 'gbutler2020@my.fit.edu'
6
7
8  def main():
9      soc = socket.socket(socket.AF_INET, socket.SOCK_DGRAM)
10     soc.sendto(email.encode(), SERVER_ADDR)
11     print('sent: ', email)
12     data = soc.recvfrom(1024)
13     print('received: '+data[0].decode())
14
15
16  main()
17
```

terminal output :

```
1  cse3231assignments/assignment_3-socket_programming/src on  trunk via 🐘 v3.9.10
2  > python main.py
3  sent: gbutler2020@my.fit.edu
4  received: Welcome, gbutler2020@my.fit.edu
```