Homework 8

Code:

A screenshot of a cell phone

Description automatically generated

A screenshot of a cell phone

Description automatically generated

Test Code:

A screenshot of a cell phone

Description automatically generated

TCP Dump for port scanning (only looking for a single port):

The message that results from my script is highlighted

A screenshot of a computer

Description automatically generated

TCP Dump after sending a single “attack” packet:

The message that results from my script is highlighted twice. The packets that are sent (and received) prior to the first highlighted instance are the same as those in the port scanning image above. This is because I use the same method in this portion of the code to check if the port is open.

The second highlighted instance is alone, because I commented out the checking code for this purpose.

A screenshot of a cell phone

Description automatically generated