EXPERIMENT - 8

REVERSE SHELL USING TCP SOCKET

AIM:

To develop a python program using TCP socket for clients server communication where server communication when server receiver and response to message from client.

ALGORITHM:

1. create a python file
2. In server.py set up a TCP socket to blind to local ip and port, listen for incoming connecting.
3. connect to server in client.py
4. Run server script first, then run client script in another terminal
5. Exit by tapping out from client server
6. Exit by typing exit.

SOURCE CODE:

```
import ftlib
import socket
def anonymous for. scanner( target-ip.
                            target-port:21):
    try:
        ftp = ftplib.FTP()
        ftp.connect( target-ip, target-port,
                                timeout=10)
        print ( f"connected to FTP Scanner at
                {target-ip} straight-port)
```

```
        ftp.login('login succesful with
                anonymous credentials')
        print("Listing directories and files:")
        ftp.retrlines('LIST')
        ftp.quit()
        print('Connection closed")
    except ftplib.all_errors as e:
        print(f"FTP error occured: {e}")
except socket.error as e:
    print(f"FTP error occured: {e}")
anonymous_ftp_scanner(target_ip, target_port)
```

RESULT:

The anonymous tip FTP scanner using ftp module has been created successfully.

Output :

connected to FTP scanner at ftp.dlptest.com:21

login successful with anonymous credentials

listing directories & files

dr-xr-xr-x 2 1001 1001 4096 Feb 22 2019 folder

connection closed.