

NAME:THULASI.S
ROLL:NO:241901118

EXPERIMENT:8
DATE:23/9/25

BUILDING ANONYMOUS FTP SCANNER USING Ftplib MODULE

AIM:

To build anonymous FTP scanner using Ftplib module .

INTRODUCTION:

Ftplib is a legacy protocol used for transferring files between hosts. Some servers allow anonymous login so the public can upload/download files according to server policy.

ALGORITHM:

1. Gather authorization and targets.
2. Set conservative test parameters.
3. Prepare logging.
4. DNS resolution.
5. Attempt anonymous login.
6. Post processing.
7. Cleanup and reporting.

CODE:

```
import ftplib  
def anonymousLogin(hostname) :
```

```
except Exception as e:
    print(str(e))
    print('\n[-] ' + str(hostname) + ' FTP Anonymous Login
Failed.')
hostname = 'ftp.be.debian.org'
anonymousLogin(hostname)
```

OUTPUT:

```
230 Anonymous access granted, restrictions apply

[*] ftp.be.debian.org FTP Anonymous Login Succeeded.
220 ProFTPD Server (mirror.as35701.net) [::ffff:195.234.45.114]
drwxr-xr-x  9 ftp      ftp      4096 Oct  7 08:54 debian
drwxr-xr-x  5 ftp      ftp      105 Sep  7 06:58 debian-cd
drwxr-xr-x  7 ftp      ftp      4096 Oct  6 13:31 debian-security
drwxr-xr-x  5 ftp      ftp      4096 Oct 13 2006 ftp.irc.org
-rw-r--r--  1 ftp      ftp      717 Apr 15 08:10 HEADER.html
drwxr-xr-x  5 ftp      ftp      4096 Oct  7 07:30 mint
drwxr-xr-x  5 ftp      ftp      49 May 16 11:49 mint-iso
lrwxrwxrwx  1 ftp      ftp      33 Apr 29 2021 pub -> /var/www/html/www.kernel.org/pub/
drwxr-xr-x  7 ftp      ftp      4096 Oct  7 08:47 ubuntu
drwxr-xr-x 39 ftp      ftp      4096 Oct  7 07:15 ubuntu-cdimage
drwxr-xr-x 32 ftp      ftp      4096 Oct  7 07:30 ubuntu-cloudimages
drwxr-xr-x  7 ftp      ftp      4096 Oct  7 09:25 ubuntu-ports
drwxr-xr-x 16 ftp      ftp      4096 Oct  7 01:16 ubuntu-releases
drwxr-xr-x 25 ftp      ftp      303 Oct  7 07:03 video.fosdem.org
-rw-r--r--  1 ftp      ftp      390 Jul  9 2021 welcome.msg
drwxr-xr-x  4 ftp      ftp      4096 Jun 14 2023 www.kernel.org
```

RESULT:

Thus, the anonymous FTP scanner has been built using Ftplib module successfully.