1. Enumerate all ports and their services. One of the services contains the flag you have to submit as the answer.

```bash

┌─[eu-academy-6]─[10.10.14.54]─[htb-ac-1522420@htb-qaid6ifsc7]─[~]

└──╼ [★]$ sudo nmap -p- -sV 10.129.193.209

Starting Nmap 7.94SVN ( https://nmap.org ) at 2025-01-17 23:28 CST

Stats: 0:02:55 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan

Nmap scan report for 10.129.193.209

Host is up (0.16s latency).

Not shown: 65528 closed tcp ports (reset)

PORT STATE SERVICE VERSION

22/tcp open ssh OpenSSH 7.6p1 Ubuntu 4ubuntu0.7 (Ubuntu Linux; protocol 2.0)

80/tcp open http Apache httpd 2.4.29 ((Ubuntu))

110/tcp open pop3 Dovecot pop3d

139/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)

143/tcp open imap Dovecot imapd (Ubuntu)

445/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)

31337/tcp open Elite?

1 service unrecognized despite returning data. If you know the service/version, please submit the following fingerprint at https://nmap.org/cgi-bin/submit.cgi?new-service :

SF-Port31337-TCP:V=7.94SVN%I=7%D=1/17%Time=678B3C00%P=x86\_64-pc-linux-gnu%

SF:r(GetRequest,1F,"220\x20HTB{pr0F7pDv3r510nb4nn3r}\r\n");

Service Info: Host: NIX-NMAP-DEFAULT; OS: Linux; CPE: cpe:/o:linux:linux\_kernel

Service detection performed. Please report any incorrect results at https://nmap.org/submit/

```.

Ở dịch vụ Elite cổng 313337 ta tìm được flag

P/s: HTB{pr0F7pDv3r510nb4nn3r}