We started by **pinging** the **address 10.162.2.83** to see if it was up and it was.
Then we did an **nmap scan** and saw that **port 80 was open** with command:
sudo nmap -sS -p-65535 10.162.2.83
We then tried do **wget 10.162.2.83** and received back an **index.html** file which pointed to there being a **website**. So we tried pasting the **ip** into the **browser** and saw that we did get a **website**.

Then we tried to **follow links** and eventually found a **register page** and **made an account**. Every step along the way we also **checked the html code** with the **inspect tool** to see if there was anything there. When we had then **made an account** we again started to click links while still having the inspect tool open. When on the **home page of when logged** in we saw a **commented out line** which said "**old page**" which linked with href to a **php page** called "**recherche_old.php**". We then visited this php page by inputting the file after the url. Here with the **inspect tool** we found the **flag**:
 flag{521bcec287c25f49355342cc474b889590701c02077c65}