

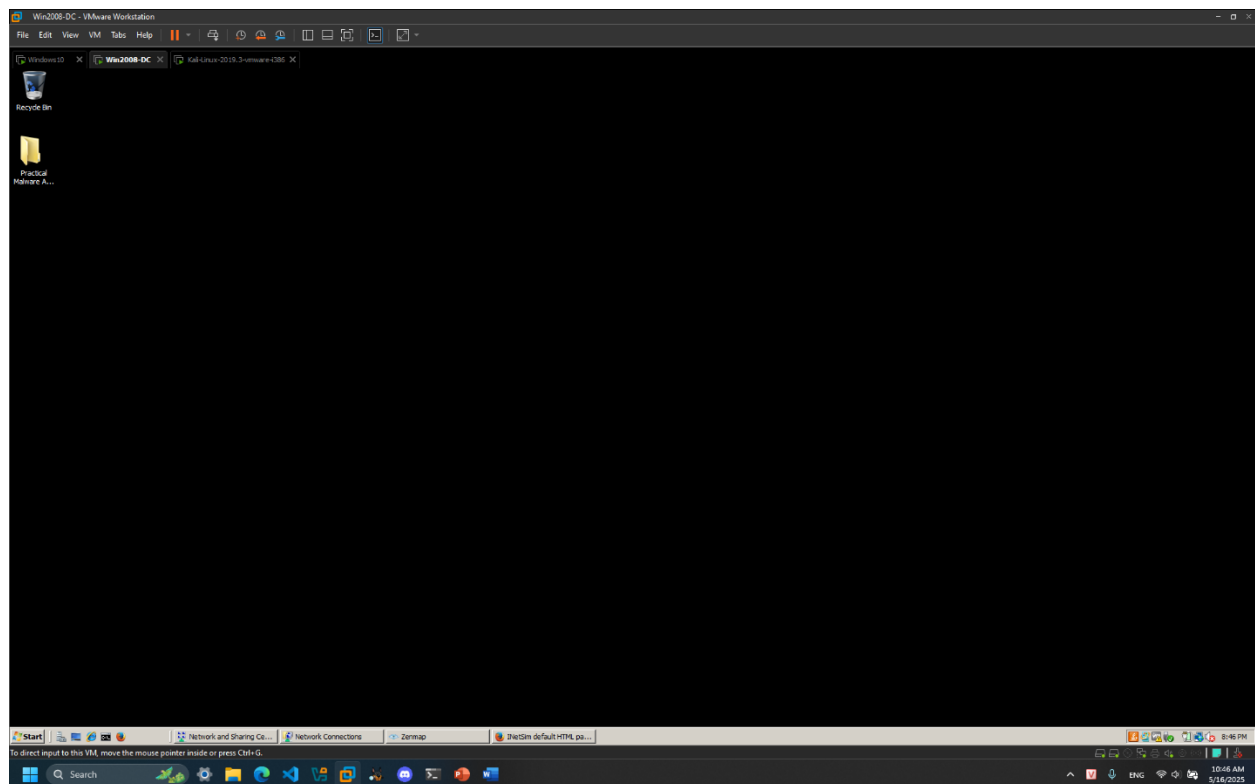
Họ và tên: Trần Trí Dũng

Mã số sinh viên: HE190680

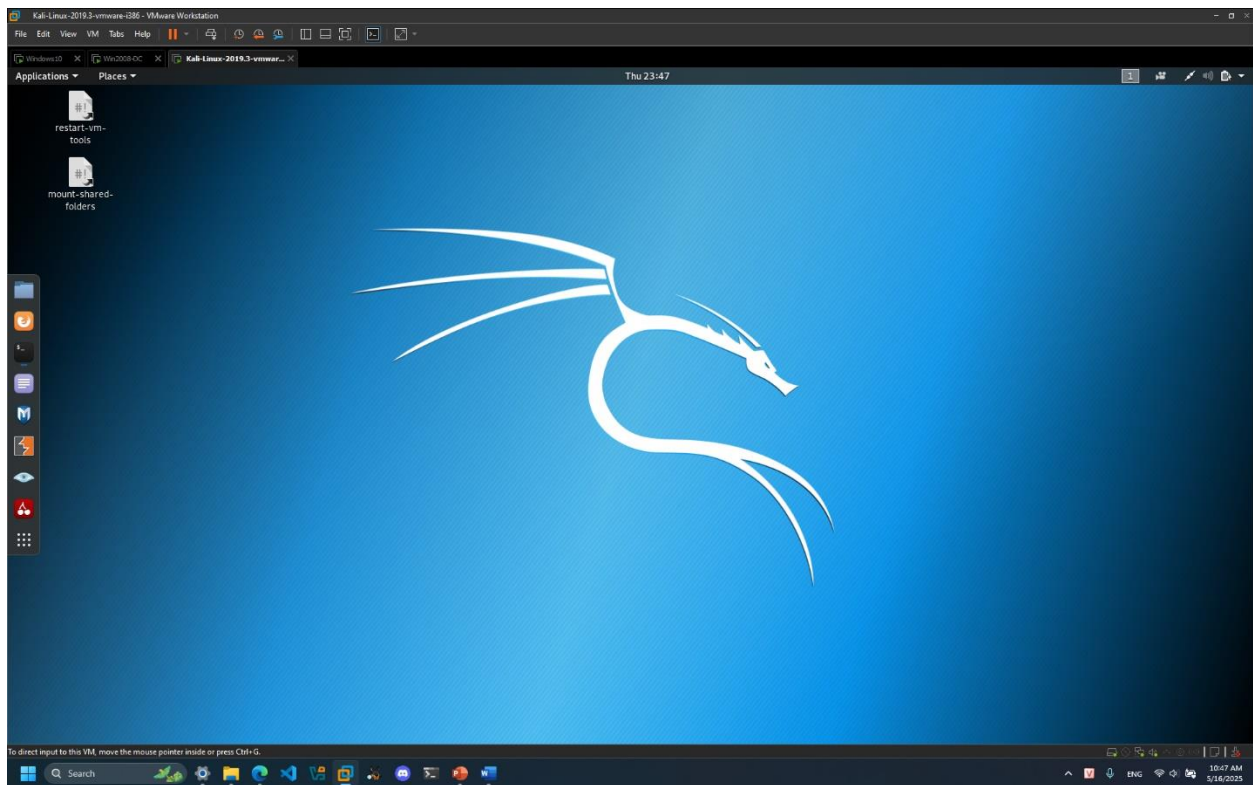
Lớp: IA1901

## Lab 1:

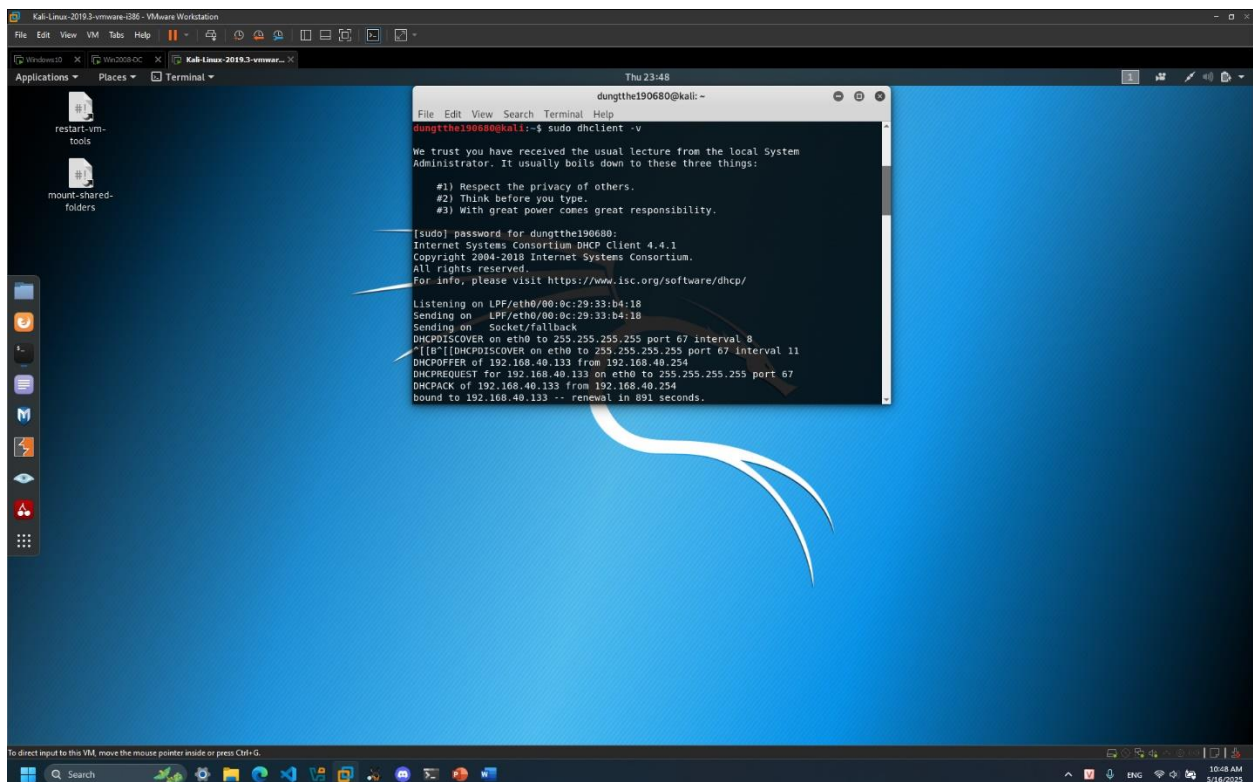
Khởi động máy Win2008:



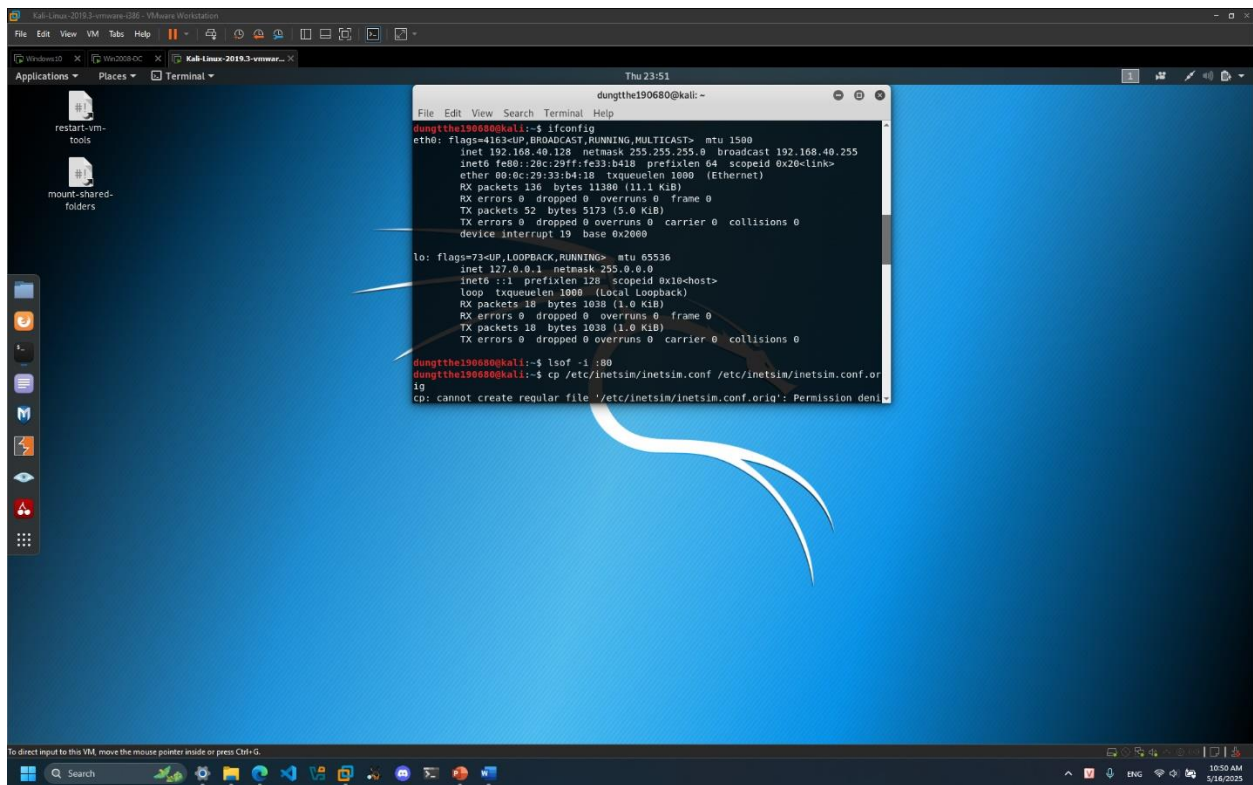
Khởi động máy Kali Linux:



Cài đặt mạng cho máy Kali Linux:



Tìm địa chỉ IP và kiểm tra Web Server của máy Kali Linux:



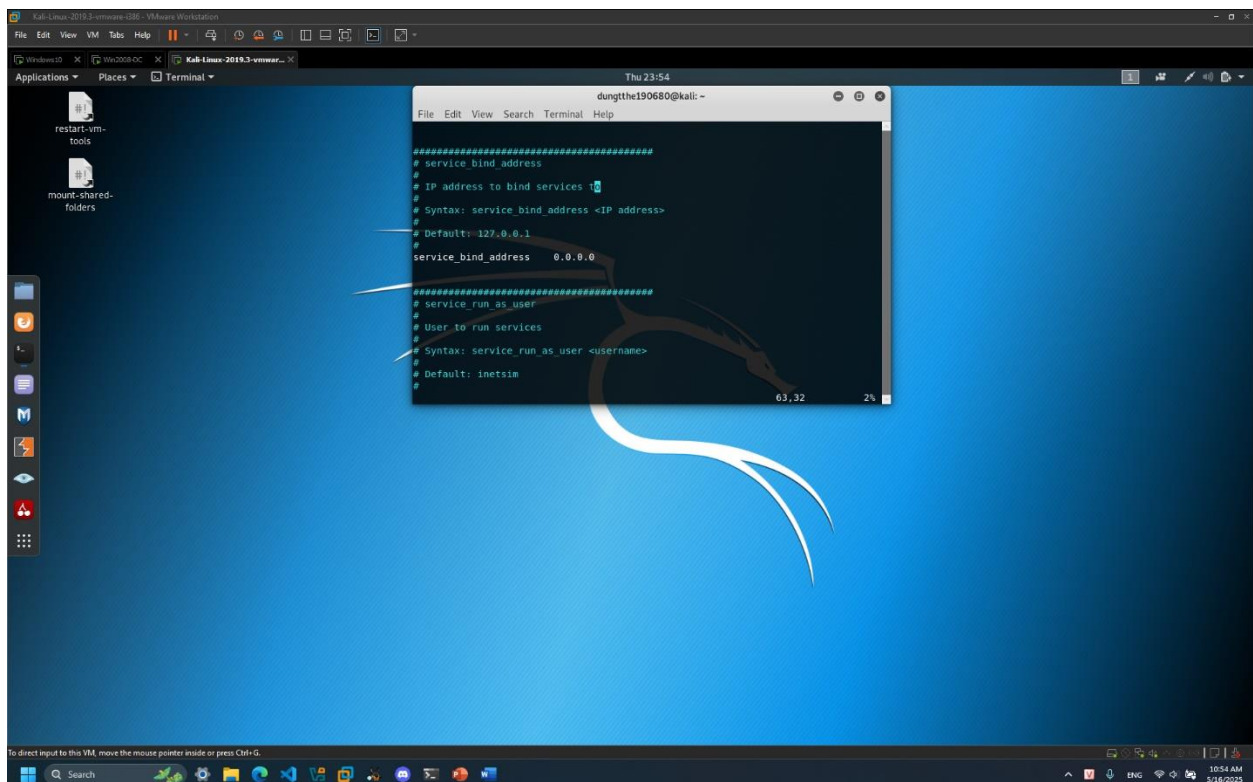
The screenshot shows a Kali Linux desktop environment with a terminal window open. The terminal displays the output of the `ifconfig` command, showing details for the `eth0` and `lo` interfaces. The `eth0` interface is configured with IP `192.168.40.128` and netmask `255.255.255.0`. The `lo` interface is configured with IP `127.0.0.1` and netmask `255.0.0.0`. Below the interface details, the terminal shows the output of the `ls -l /etc/inetsim/inetsim.conf` command, which returns `-rwxr-xr-x 1 root root 1000 2019-03-10 10:54 AM /etc/inetsim/inetsim.conf`. The terminal also shows the output of the `cp /etc/inetsim/inetsim.conf /etc/inetsim/inetsim.conf.orig` command, which returns `cp: cannot create regular file '/etc/inetsim/inetsim.conf.orig': Permission denied`.

```
dungthe190680@kali:~$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.40.128 netmask 255.255.255.0 broadcast 192.168.40.255
    inet6 fe80::28c:29ff:fe23:b410 prefixlen 64 scopeid 0x20<link>
    ether 00:0c:29:33:b4:10 txqueuelen 1000 (Ethernet)
    RX packets 136 bytes 11380 (11.1 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 52 bytes 5173 (5.0 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 19 base 0x2000

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 18 bytes 1038 (1.0 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 18 bytes 1038 (1.0 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

dungthe190680@kali:~$ ls -l /etc/inetsim/inetsim.conf
-rwxr-xr-x 1 root root 1000 2019-03-10 10:54 AM /etc/inetsim/inetsim.conf
dungthe190680@kali:~$ cp /etc/inetsim/inetsim.conf /etc/inetsim/inetsim.conf.orig
cp: cannot create regular file '/etc/inetsim/inetsim.conf.orig': Permission denied
```

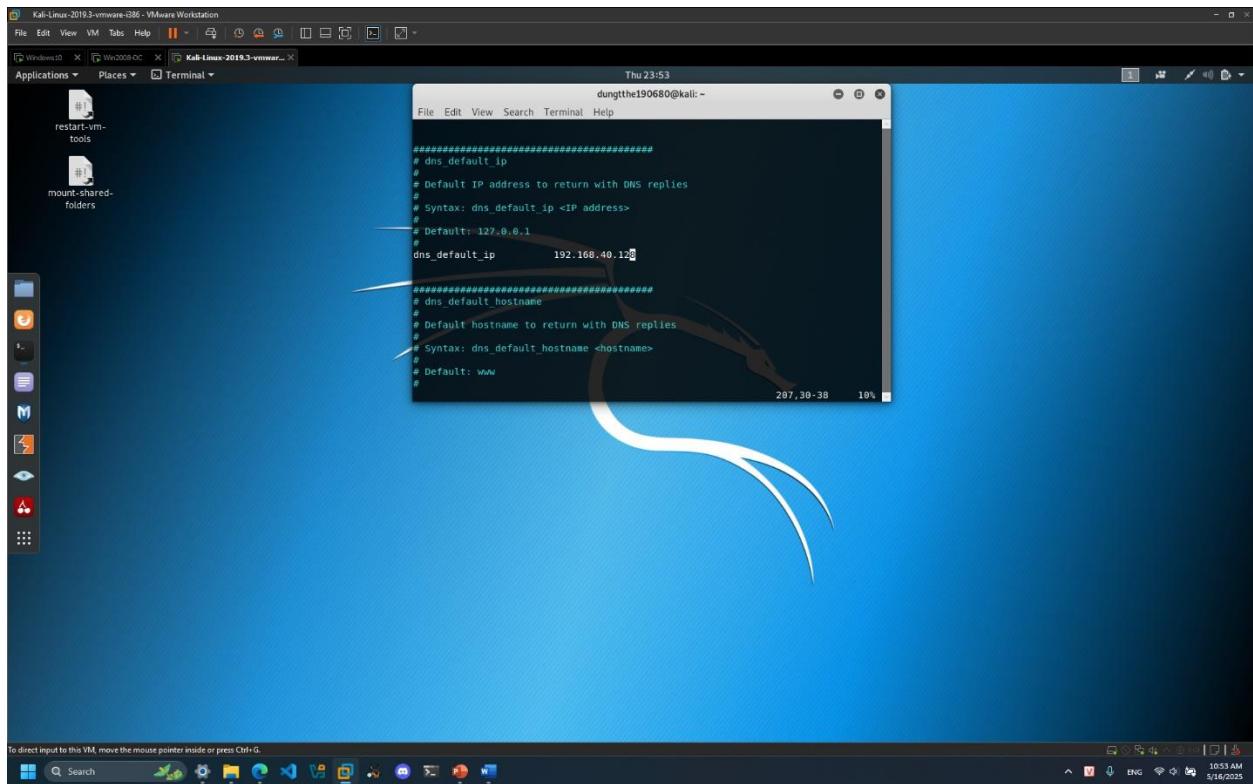
Cài đặt inetsim:



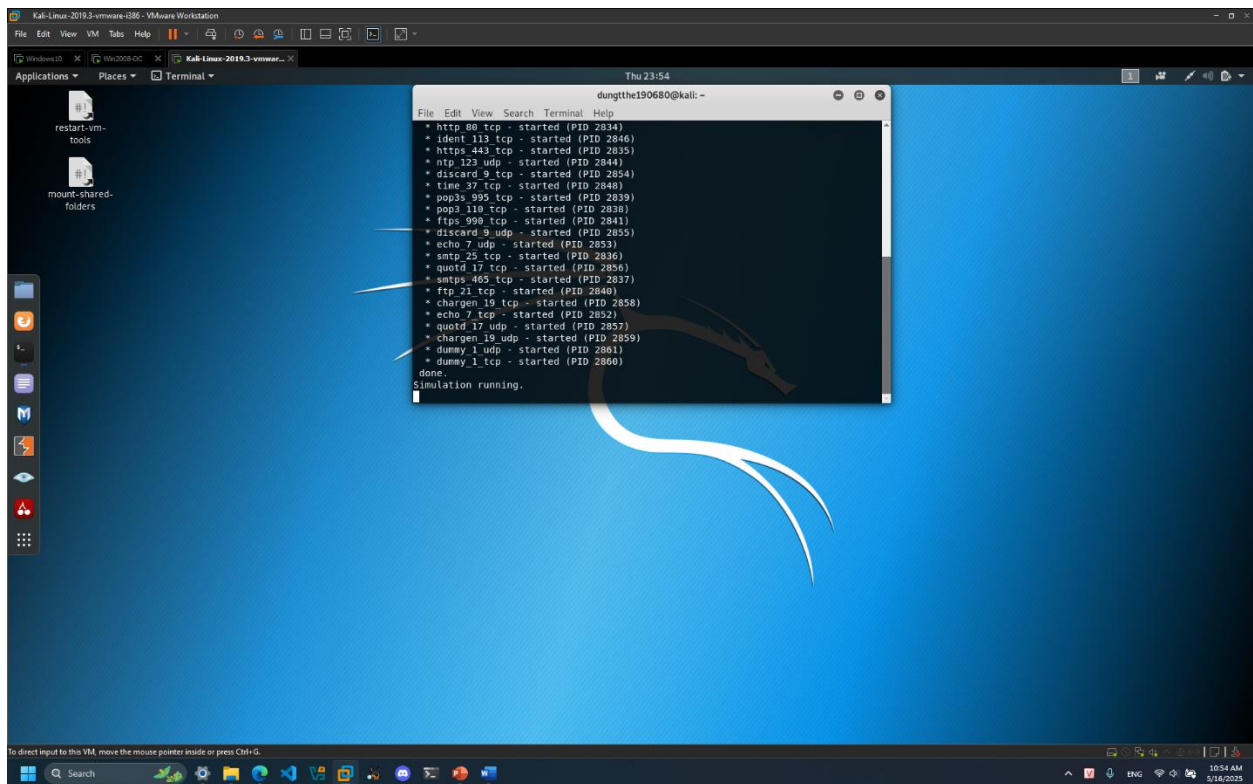
The screenshot shows a Kali Linux desktop environment with a terminal window open. The terminal displays the output of the `dpkg-query -f='${Package} ${Version} ${Architecture}\n'` command, which returns `inetsim 0.0.0-1kali1 amd64`. The terminal also shows the output of the `dpkg-query -f='${Package} ${Version} ${Architecture}\n'` command, which returns `inetsim 0.0.0-1kali1 amd64`. The terminal also shows the output of the `dpkg-query -f='${Package} ${Version} ${Architecture}\n'` command, which returns `inetsim 0.0.0-1kali1 amd64`.

```
dungthe190680@kali:~$ dpkg-query -f='${Package} ${Version} ${Architecture}\n'
inetsim 0.0.0-1kali1 amd64
dungthe190680@kali:~$ dpkg-query -f='${Package} ${Version} ${Architecture}\n'
inetsim 0.0.0-1kali1 amd64
dungthe190680@kali:~$ dpkg-query -f='${Package} ${Version} ${Architecture}\n'
inetsim 0.0.0-1kali1 amd64
```

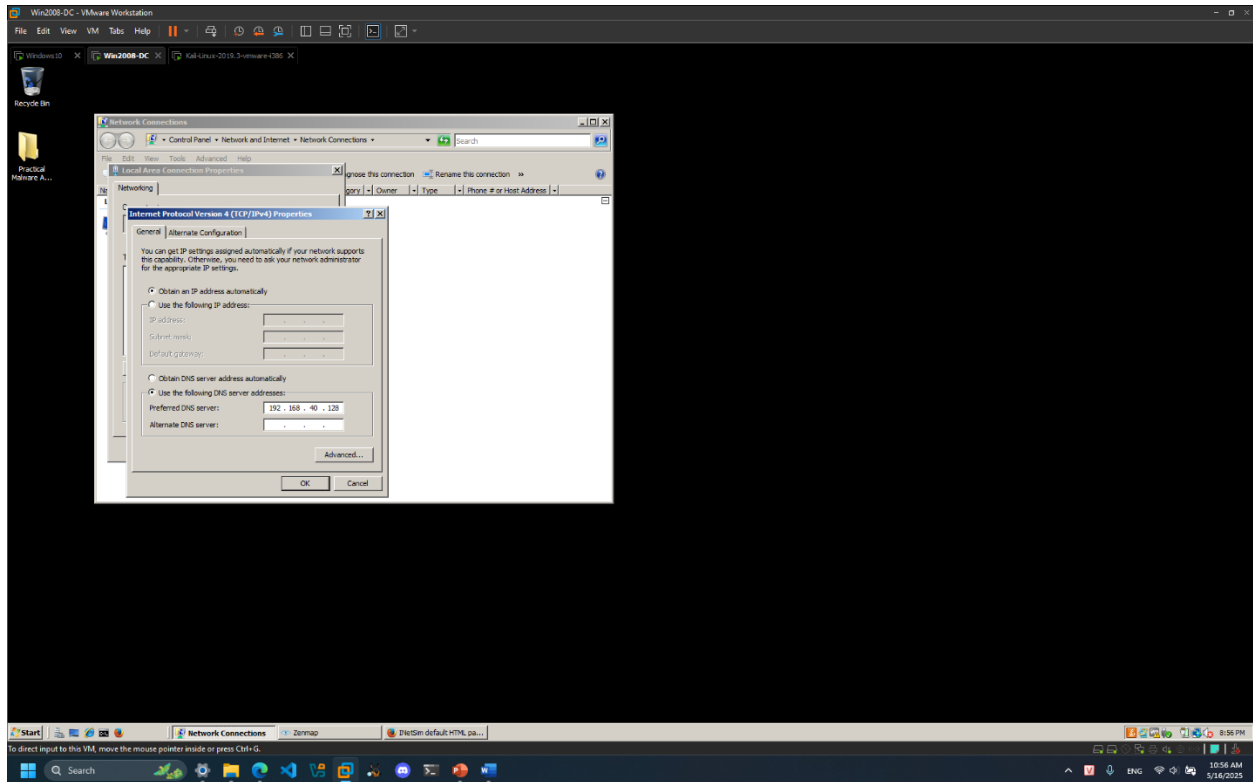




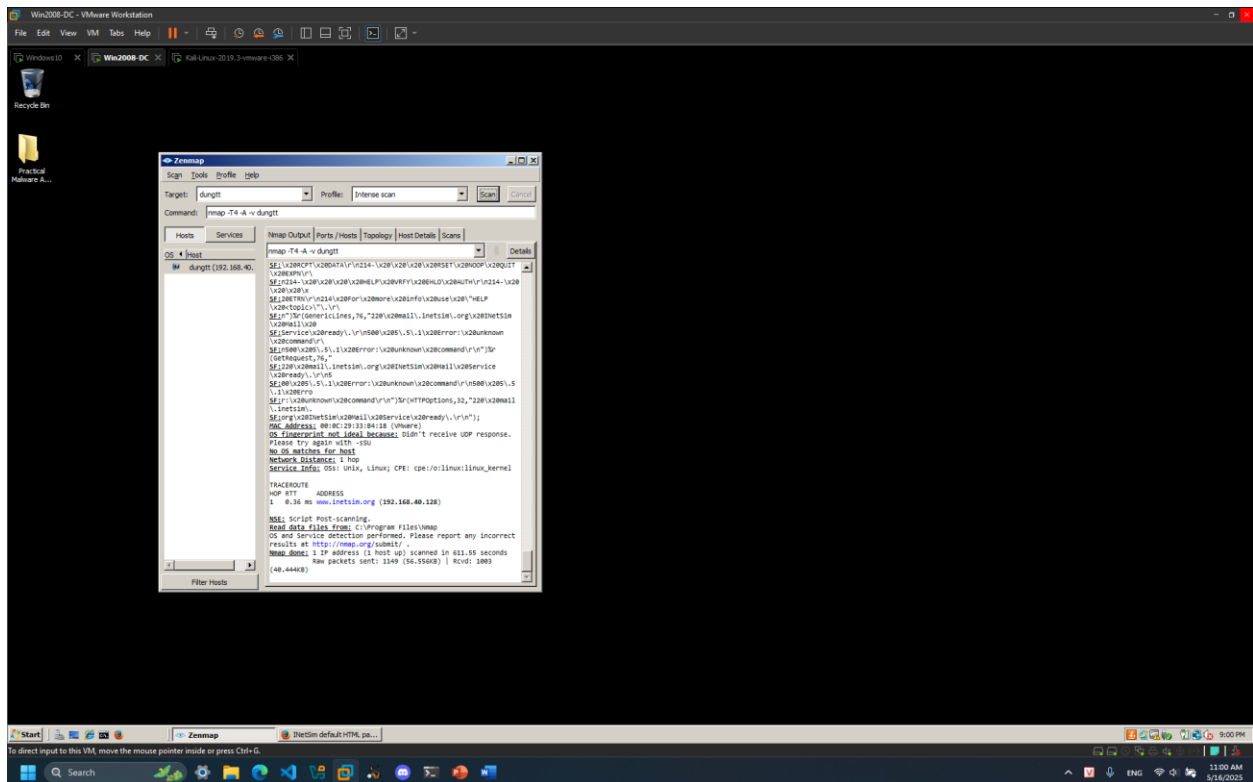
Khởi động inetsim:



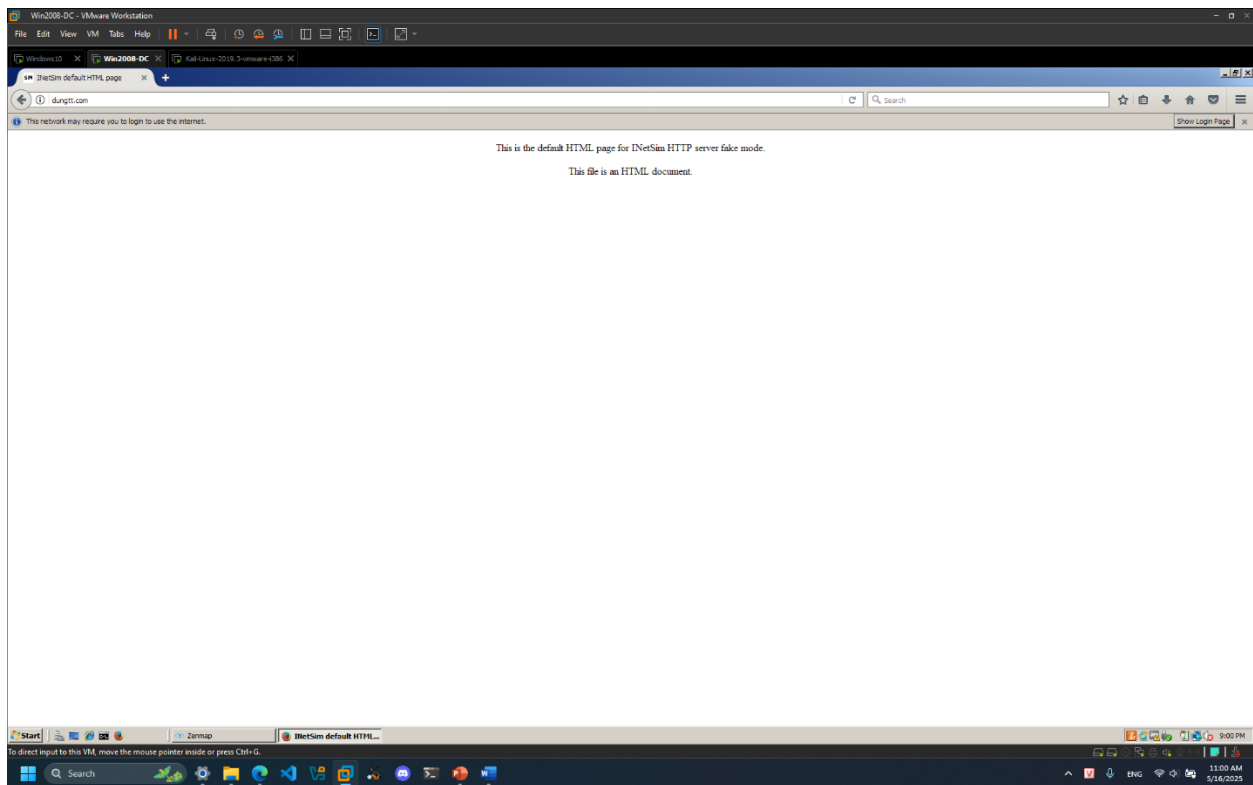
## Cài đặt DNS Server cho máy Win2008:



## Quét dungtt.com:

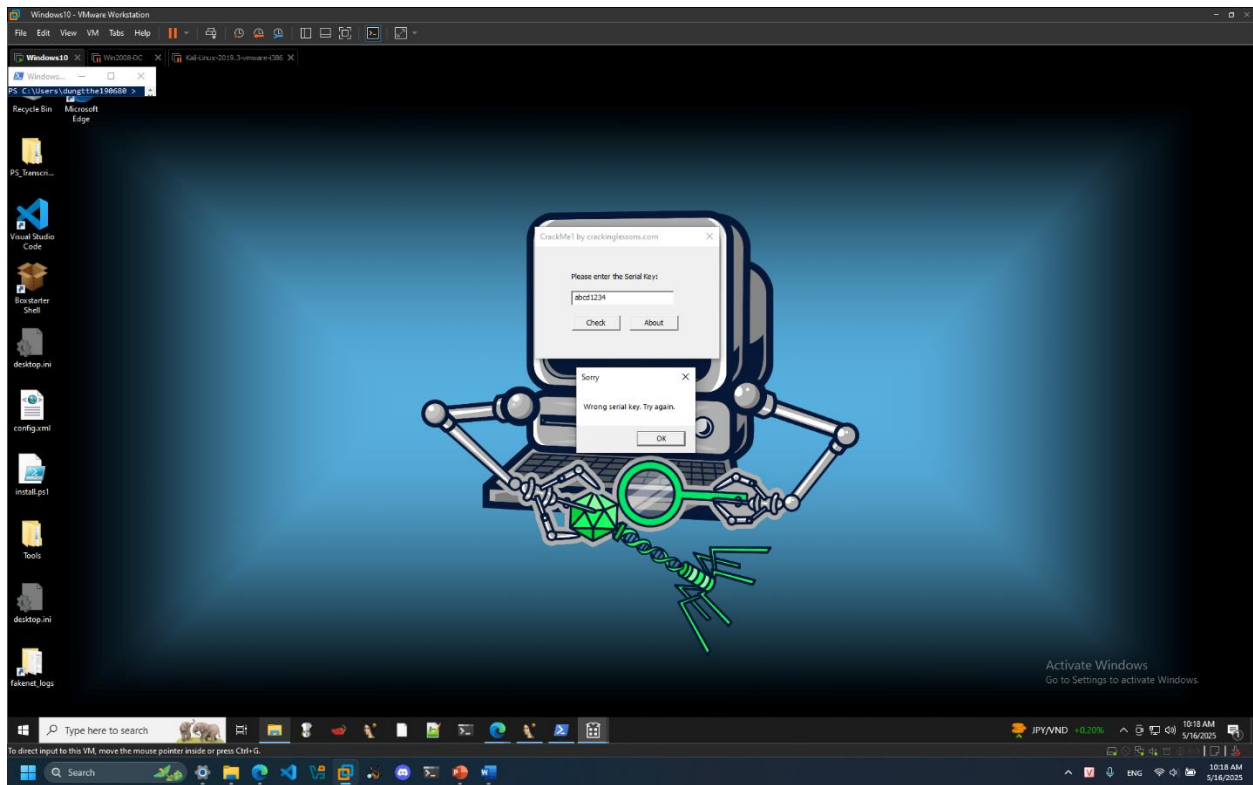


Truy cập trang web HTTP:



## CrackMe #1

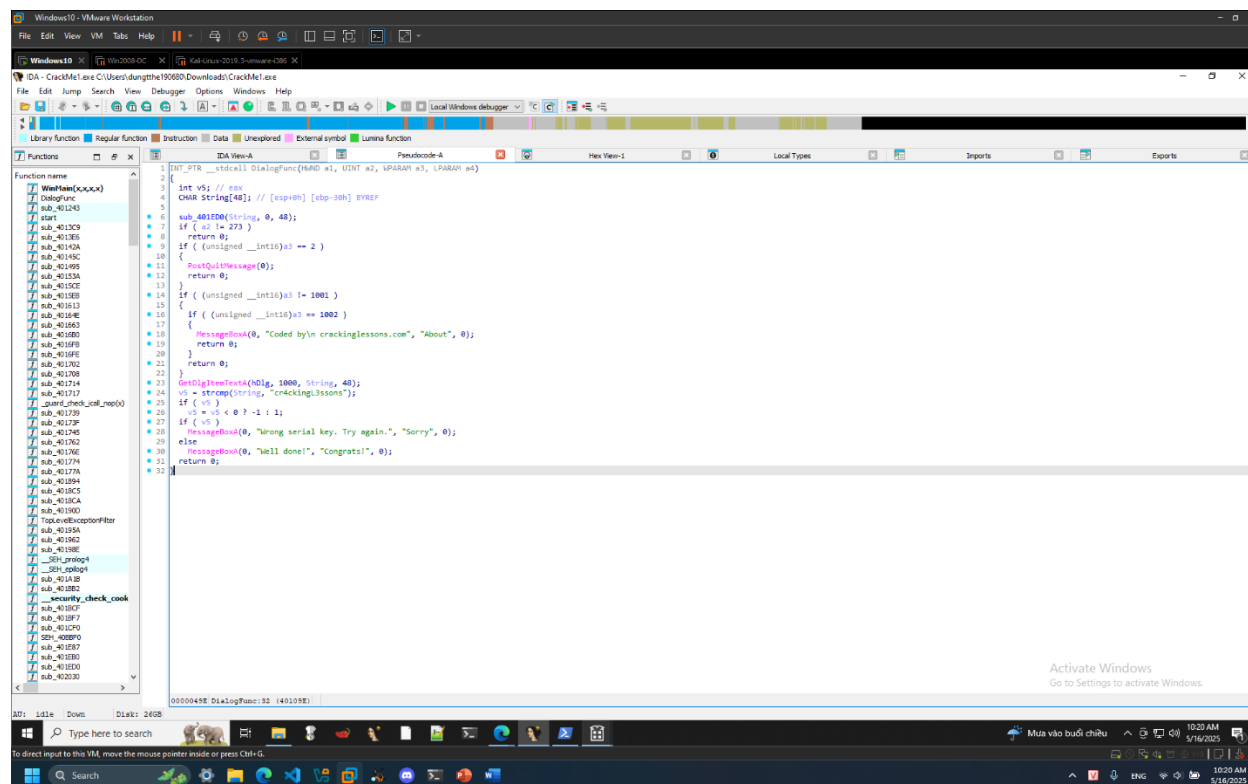
Đầu tiên em thử chạy file và nhập ngẫu nhiên, nhận được thông báo sai có từ khóa “Wrong”:



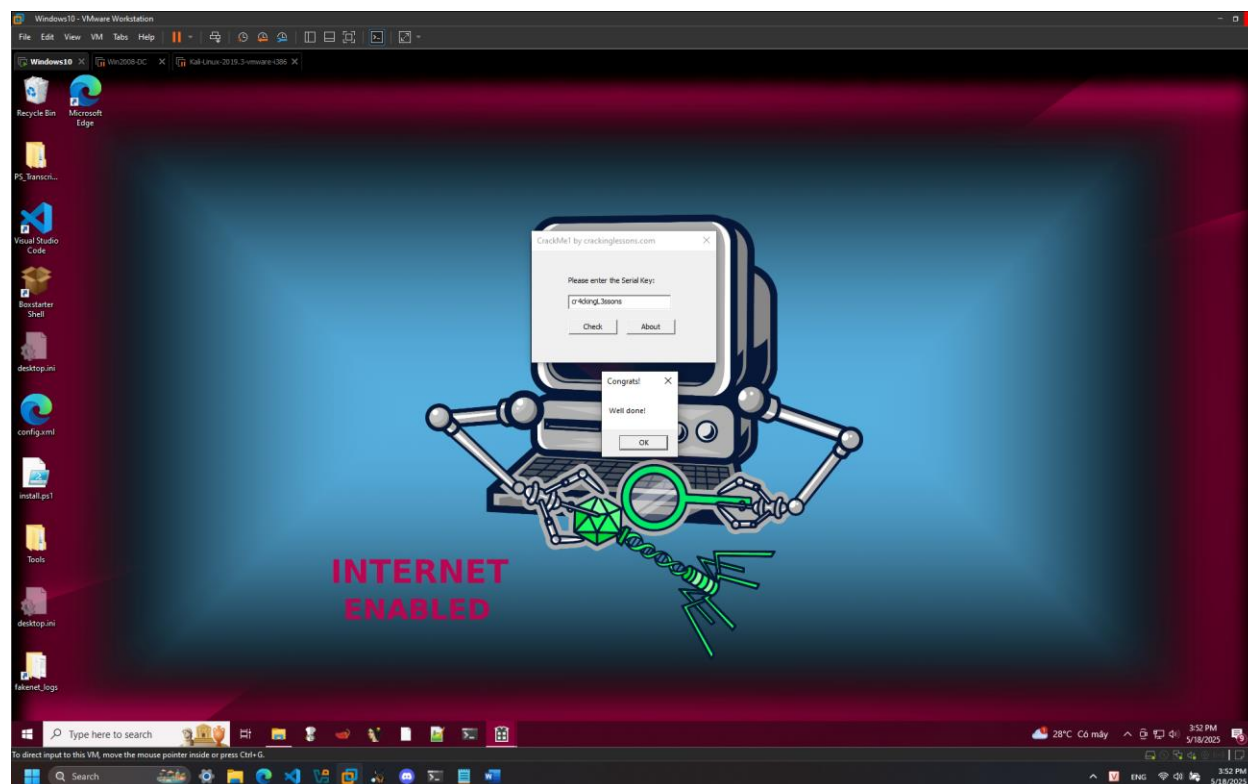
[illegible]



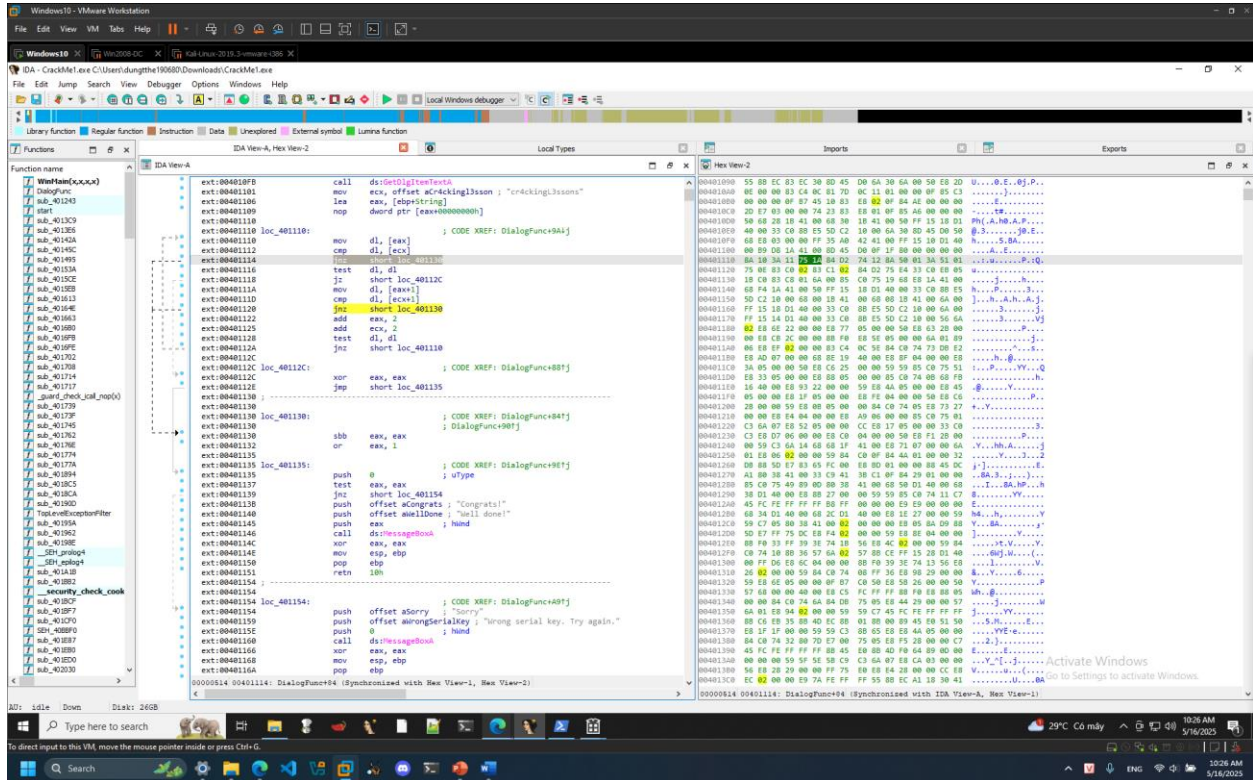
Em bôi đen đoạn code đó, decompile sang pseudocode và nhận được đoạn code này:



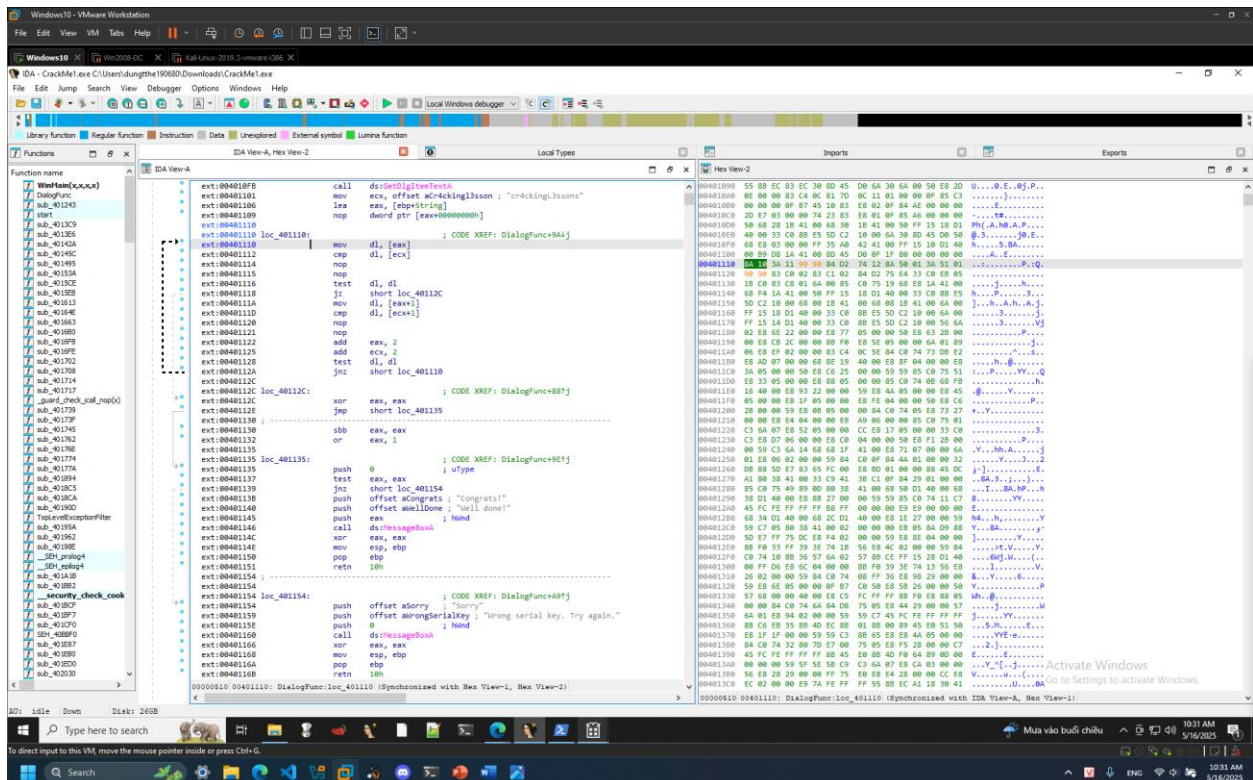
Từ đoạn pseudocode trên có thể suy ra mật khẩu là “cr4ckingL3ssons”:



Để chương trình luôn hiển thị thông báo đúng, em tìm lệnh nhảy đến lệnh thông báo sai:



Xóa lệnh nhảy bằng cách sửa mã Hex thành 90 (nop):



Lưu lại và chương trình sẽ luôn hiển thị thông báo đúng:

