CYBERIUM ARENA
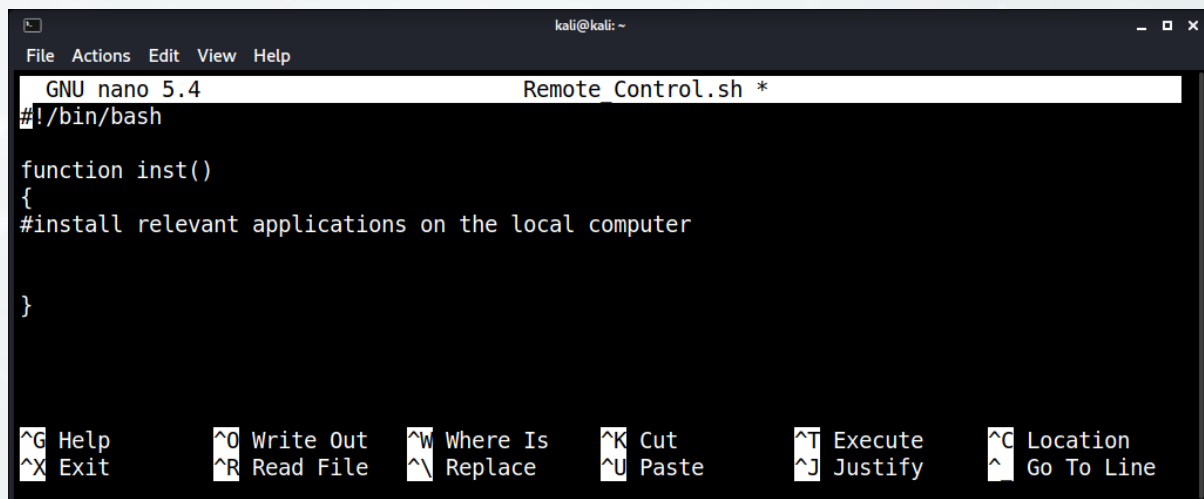— SIMULATOR —

PROJECT

NETWORK RESEARCH

REMOTE CONTROL

Objective

Create a script that communicates with a remote server and executes tasks anonymously.

Functions

1. Installing applications

Install relevant applications on the local computer.

2. Check if the connection is anonymous

Check if the connection is from your origin country. If no, continue.
Available tools: curl, whois

```
                                  kali@kali: ~                              _ □ ×
 File  Actions  Edit  View  Help
  GNU nano 5.4                 Remote_Control.sh *

function anon()
{
#Check if the connection is from your origin country█



}




^G Help      ^O Write Out   ^W Where Is   ^K Cut     ^T Execute    ^C Location
^X Exit      ^R Read File   ^\ Replace    ^U Paste   ^J Justify       Go To Line
```
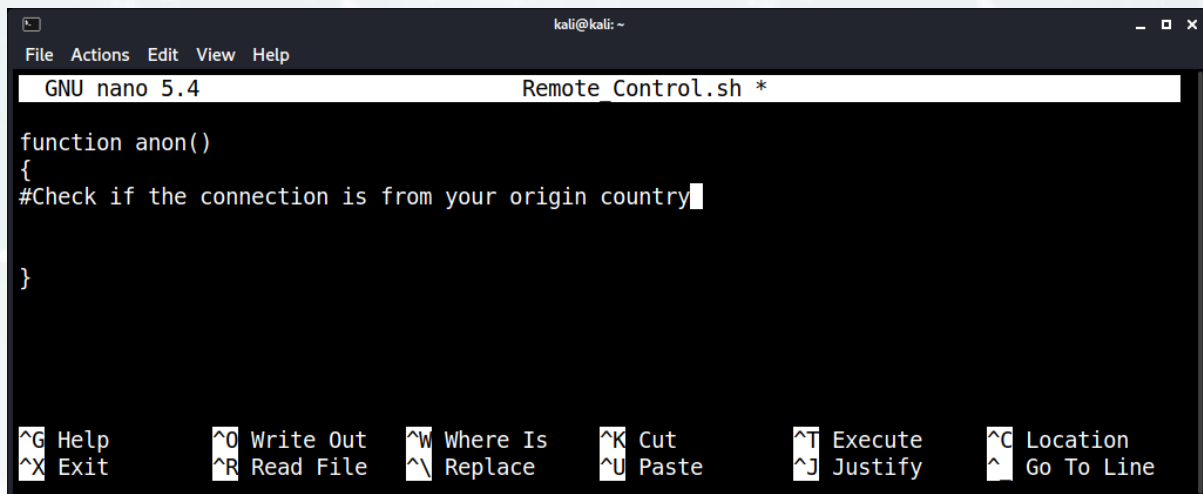
3. Connect automatically to the VPS and execute tasks

Once the connection is anonymous, communicate via SSH and execute nmap scans and whois queries.

Available tools: sshpass, ssh

```
  GNU nano 5.4                    Remote_Control.sh *
#!/bin/bash

function inst()
{
#install relevant applications on the local computer


}

function anon()
{
#Check if the connection is from your origin country


}

function vps()
{
#Communicate via SSH and execute nmap scans and whois queries


}
### Get input from the user: whois or nmap

inst    #run installation
anon    #check anonymous
vps     #connect and execute


^G Help        ^O Write Out    ^W Where Is    ^K Cut      ^T Execute   ^C Location
^X Exit        ^R Read File    ^\ Replace     ^U Paste    ^J Justify   ^/ Go To Line
```

Comments

1. Use comments in your code to explain.
2. If you are using code from the internet, add credit and links.

Submitting

1. Submit the source code (.sh) and a pdf file with the screenshots proving the functions work.
2. Send the project to the trainer email.
3. In the email subject type **project: Remote Control <student name>.**