

ASSINGMENT 1

Q) Task 1 : Which of the following companies is incorrectly listed as being under the same parent organization: Metasploit Framework, GitHub, Rapid7, or Exploit-DB.?

Ans:-> The company that is incorrectly listed as being under the same parent organization is **GitHub**.

Because :

- **Metasploit Framework** and **Rapid7** are related because Rapid7 is the parent company that maintains and develops Metasploit.
- **Exploit-DB** is maintained by Offensive Security, which is not associated with Rapid7 but operates in a similar cybersecurity domain.
- **GitHub** is owned by Microsoft and operates independently from Rapid7, Metasploit, or Offensive Security.

Thus, **GitHub** is the odd one out.

ASSINGMENT 2

Q) Task 2 : Create a new User with your name.

Ans:-> **Steps to Create a New User:**

1. **Open the Terminal**: Launch the terminal in Kali Linux.
2. **Use the adduser Command**: Run the following command to create a new user named Priyanshu (replace with your name if necessary):

Code :`sudo adduser Priyanshu`

3. **Set User Details**: After running the command, the system will prompt you to:

- Enter and confirm a password.
- Provide optional user information (e.g., Full Name, Room Number, Work Phone). Press Enter to skip these fields if not needed.

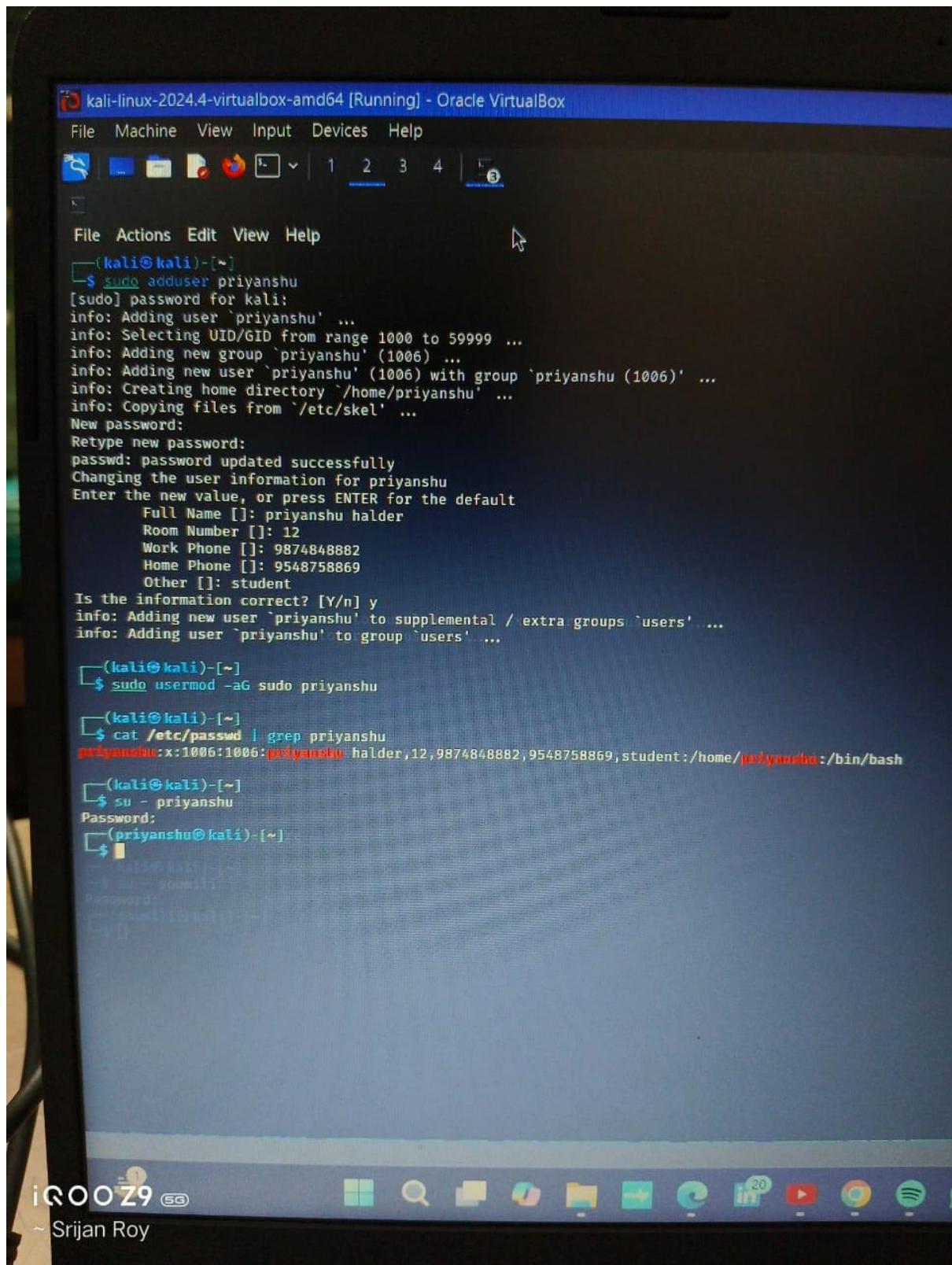
3. **Add the User to the sudo Group** (Optional): To give the new user administrative privileges, run:

Code :`sudo usermod -aG sudo Priyanshu`

5.Verify the User: To check that the user has been created, use

Code: `cat /etc/passwd | grep Priyanshu`

Output :



```
kali-linux-2024.4-virtualbox-amd64 [Running] - Oracle VirtualBox
File Machine View Input Devices Help

(kali@kali)-[~]
$ sudo adduser priyanshu
[sudo] password for kali:
info: Adding user 'priyanshu' ...
info: Selecting UID/GID from range 1000 to 59999 ...
info: Adding new group 'priyanshu' (1006) ...
info: Adding new user 'priyanshu' (1006) with group 'priyanshu (1006)' ...
info: Creating home directory '/home/priyanshu' ...
info: Copying files from '/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for priyanshu
Enter the new value, or press ENTER for the default
  Full Name []: priyanshu halder
    Room Number []: 12
    Work Phone []: 9874848882
    Home Phone []: 9548758869
      Other []: student
Is the information correct? [Y/n] y
info: Adding new user 'priyanshu' to supplemental / extra groups 'users' ....
info: Adding user 'priyanshu' to group 'users' ...

(kali@kali)-[~]
$ sudo usermod -aG sudo priyanshu

(kali@kali)-[~]
$ cat /etc/passwd | grep priyanshu
priyanshu:x:1006:1006:priyanshu halder,12,9874848882,9548758869,student:/home/priyanshu:/bin/bash

(kali@kali)-[~]
$ su - priyanshu
Password:
(priyanshu@kali)-[~]
$
(priyanshu@kali)-[~]
$ su - soumili
Password:
(soumili@kali)-[~]
$
```

iQOO Z9 5G
~ Srijan Roy

