## Information System Security - IS2109

Social Engineering attack

## Group 2



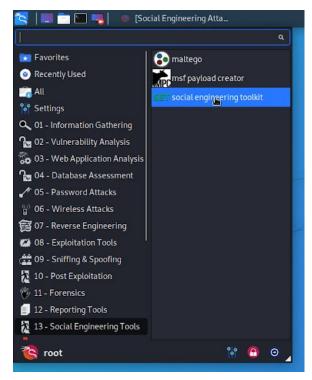
University of Colombo

School of Computing



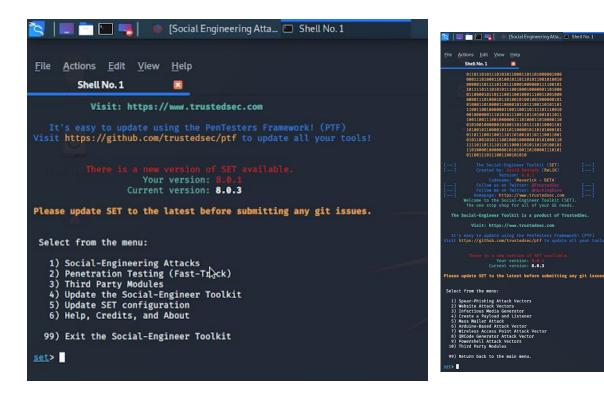


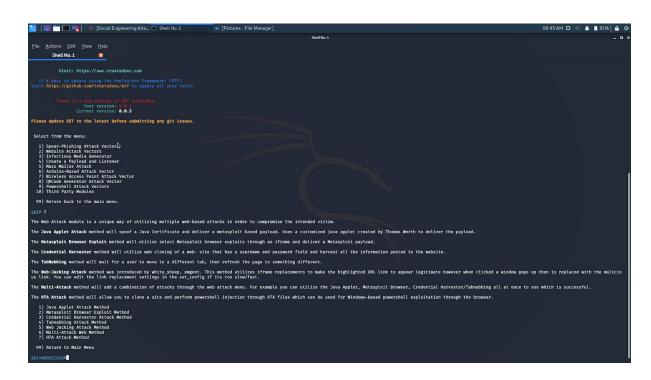
Kali Linux is a debian based Linux distribution which is aimed at advanced penetration testing and security Auditing. Kali contains several hundred tools which are geared towards

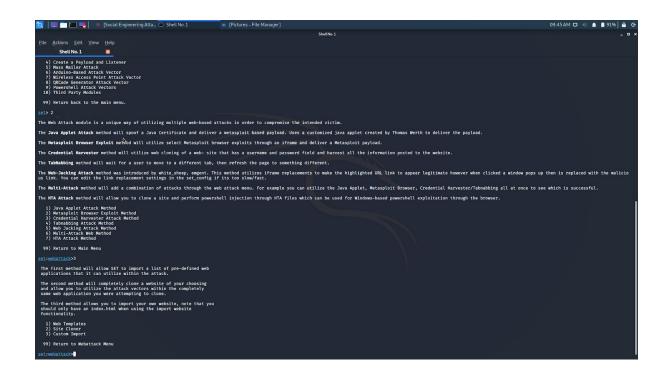


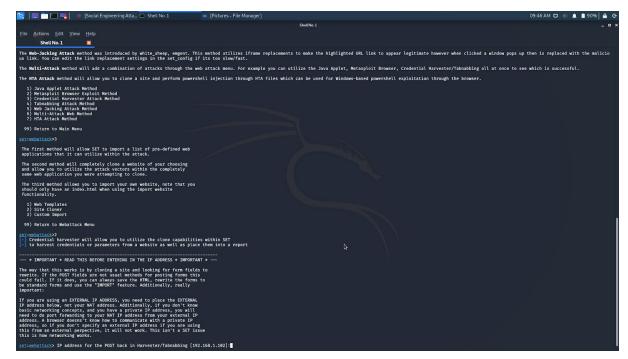
various information security tasks, such as Penetration Testing, Security research, Computer Forensics and Reverse Engineering. Our aim was to create a phishing attack on a selected group of students and to study the responses and behaviours of victims in a statistical manner.

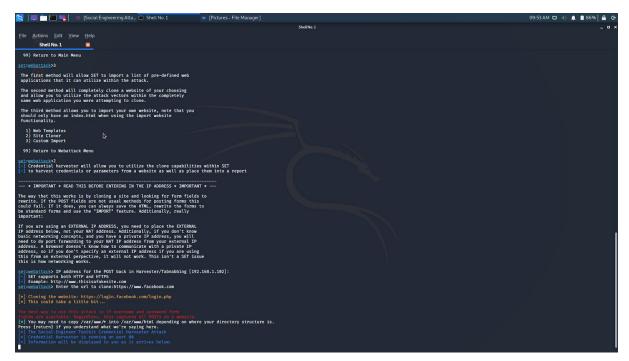
Since Kali is geared specifically towards System penetration testing and SET (Social Engineering Toolkit) is pre-installed on it with already being configured, It was chosen for conducting our project. From the given menu in the terminal, we did the attack which came under the Social Engineering Attack and website attack vectors. The Website Attack vector was selected and it contains multiple web attacks. Then the credential harvester method was selected. This method primarily aimed at the phishing credentials of users using web attacks. From the given options as site cloner, custom import, web templates the site cloner was selected since it clone a known site of preferred and allows to utilize attack vectors within it.





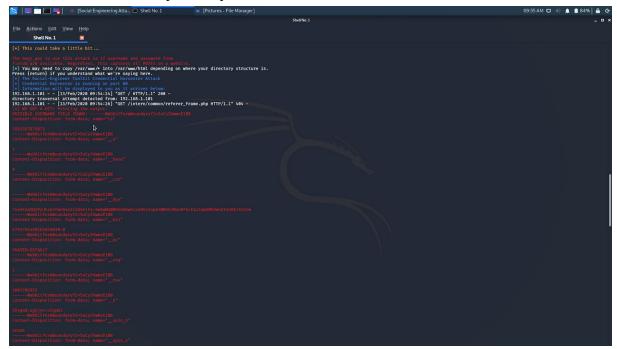




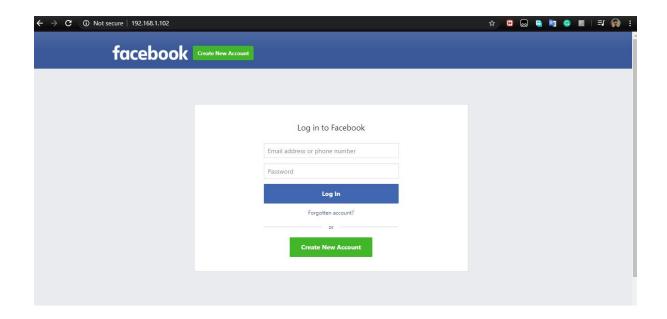


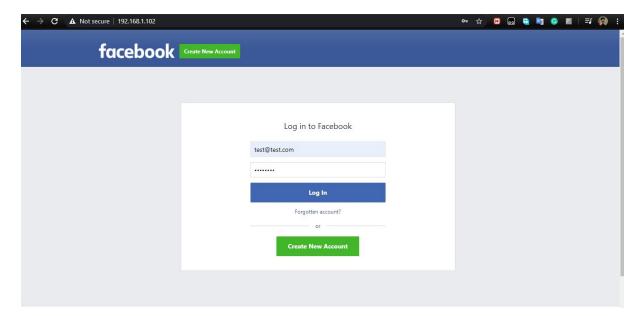
Since SET supports both http and https here <a href="https://www.facebook.com">https://www.facebook.com</a> was given as the site to clone. And the IP address to it is 192.168.1.102. If someone access it fill out the login page credential harvester will automatically send the data to the attacker. And in this case credential harvester ran on port 80.

We can save all the data posted by the user in .xml format on our machine.

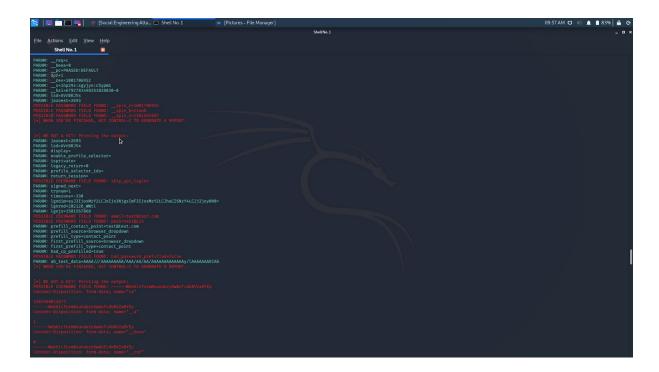


When someone tries to visit the above IP 192.168.1.102 Visitor IP = 192.168.1.101





Visitor put email and password and click login



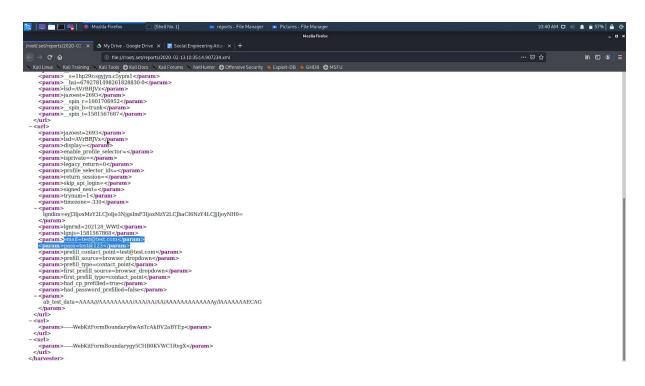
```
POSSIBLE USERNAME FIELD FOUND: email=test@test.com
POSSIBLE PASSWORD FIELD FOUND: pass=test@123
```

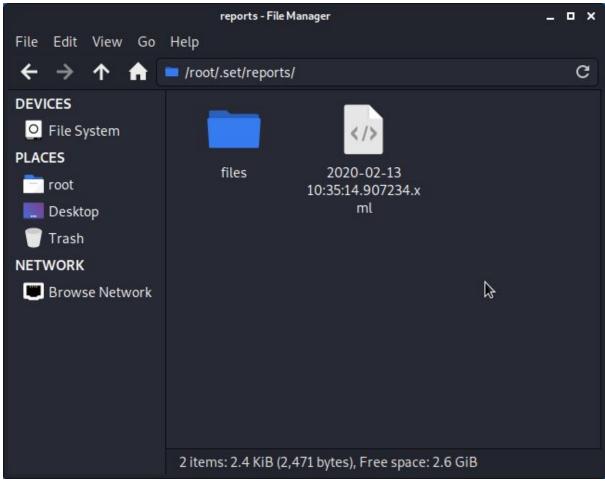
We can see the username and password he put.

```
directory traversal attempt detected from: 192.168.1.101
192.168.1.101 - - [13/Feb/2020 09:56:50] "GET /favicon.ico HTTP/1.1" 404 -
^C[*] File in XML format exported to /root/.set/reports/2020-02-13 10:35:14.907234.xml for your reading pleasure...

Press <return> to continue
```

Tool save all the data in .xml file





## **Group Members**

Name	Index number	Registration number
W.M.D.T.Andradi	17020107	2017/IS/010
P.B.K.T.Gunarathne	17020271	2017/IS/027
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