




































Python Pen Test Tool

Task Name		Sep 25							Oct 2							Oct 9						
		S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	 Step 1 - Introduction							 Gary Wright														
2	Setup Virtual Environment						 Gary Wright															
3	Find Exploit Script						 Gary Wright															
4	Analyze Exploit Script						 Gary Wright															
5	Modify Exploit Script						 Gary Wright															
6	Test the Script						 Gary Wright															
7	 Step 2 - Analyze Packet Capture File							 Gary Wright														
8	View Packet Capture File in Wireshark							 Gary Wright														
9	Establish Normal Traffic Patterns							 Gary Wright														
10	Write Python Script - look for Malicious Net Traffic							 Gary Wright														
11	Write Python Script - Calculate Net Traffic Baseline							 Gary Wright														
12	Write Python Script - Compare Baseline -> Network Traffic							 Gary Wright														
13	 Step 3 - Gather Open-Source Intel								 Gary Wright													
14	Study OSINT								 Gary Wright													
15	Enumerate Domain Names with Python								 Gary Wright													
16	 Learn Google Dorking								 Gary Wright													
17	Automate Google Dorking with Python								 Gary Wright													
18	Enumerate Web Directory with Python								 Gary Wright													
19	 Step 4 - Analyze Log File								 Gary Wright													
20	Read the Log File								 Gary Wright													
21	Analyze Normal Log Messages								 Gary Wright													
22	Write Python Script - look for logs with Malicious Activity								 Gary Wright													
23	Write Python Scrip - Calculate Log Message Baseline								 Gary Wright													
24	Write Python Script - Compare baseline against Log File								 Gary Wright													
25	 Step 5 - Write Python Replacement for Netcat								 Gary Wright													
26	Familiarization with Netcat								 Gary Wright													
27	Write Input Arguments								 Gary Wright													
28	Write the Client								 Gary Wright													
29	Write the Server								 Gary Wright													

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	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
30 Test Program														↓ Gary Wright							
31 Step 6 - Collect Packets Off Wire														↓ Gary Wright							
32 Passive Network Capture Intro														↓ Gary Wright							
33 Write Python Packet Sniffer														↓ Gary Wright							
34 Capture plain-text credentials from Network Packets with Python														↓ Gary Wright							
35 ARP Cache Poisoning Intro														↓ Gary Wright							
36 Write Python ARP Cache Poisoner														↓ Gary Wright							
37 Step 7 - Build Pen Testing Tool														↓ Gary Wright							
38 Metasploit Framework Intro														↓ Gary Wright							
39 Write Discovery Module														↓ Gary Wright							
40 Write Exploit Framework														↓ Gary Wright							
41 Stitch all together with Interactive Command Shell														↓ Gary Wright							
42 Test MSFPY														↓ Gary Wright							