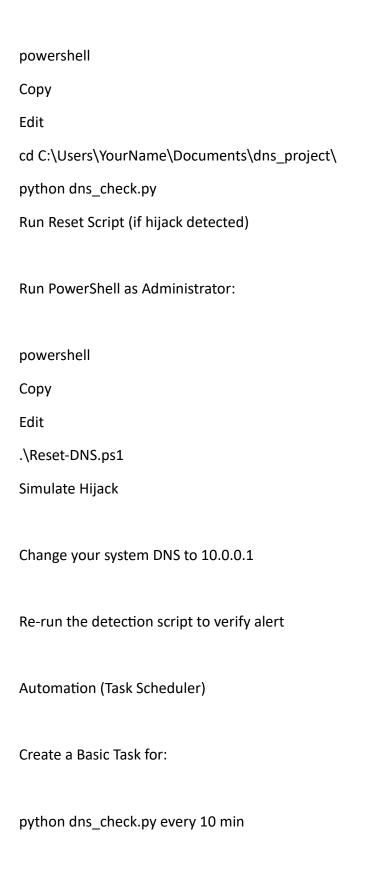
☐ DNS Hijacking Detection & Mitigation Project Guide
Tools Used:
Python 3 with dnspython
PowerShell (Windows built-in)
Task Scheduler for automation
Steps:
Install Python
Download from: https://www.python.org
Install dnspython:
haab
bash
Сору
Edit
pip install dnspython
Save Scripts
Save dns_check.py and Reset-DNS.ps1 in the same folder.
Run Detection Script
In PowerShell:



Reset-DNS.ps1 hourly

Example Output:
✓ Normal resolution
X Alert when DNS hijacked
ONS settings reset automatically
Future Work
Add DNSSEC
Slack/email alerts
Multi-domain checks
Credits
Developed by: Ryne Gilbert

For: Networking systems ,Baraton

Date: 30/06/2025