# Credential Harvester Homework

The Board Member of a large Credit Union in Washington D.C., John Smith is flying from Europe to D.C and is reading a Wall Street article. The article is on cyber security and explains how perpetrators can harvest credentials using Social Engineering Tools available for free.

John starts to scratch his head and says to himself “I am not sure how credential harvesting works” and he reaches out to the CIO of the credit union, Mary Jones. Mary is not only knowledgeable in information technology but in the past has been a Chief Information Security Officer (CISO) for another bank.

She decides to bring his security team (you) in a room and requests the following:

* Use the Social engineering toolkit in Kali to create a credential harvester webpage that is a clone of a legitimate webpage. The page must ask for credentials. Take screenshots of your site.
* At a minimum, show how you can on your own machine (using your own IP address), harvest the credentials.
* For two (2) extra points, create a tunnel to the outside internet, create a phishing email and show how an email recipient can receive a phishing email, click on the credential harvesting link and the credentials can be captured. You can use other methods of tricking a user to visit your website and enter credentials. Besides phishing email, you can send a text message or use social media posts, etc. Be creative! (Hint: You could use NGROK to help with this part).

## Create a presentation in a PowerPoint slide format that includes the website you chose and your method of capturing credentials. Provide screenshots and rationale on why this would work. Be prepared to present to Mary Jones and John Smith.