Lab Report

## Your Performance

Your Score: 3 of 3 (100%) Pass Status: Pass
Elapsed Time: 9 minutes 10 seconds Required Score: 100%

## Task Summary

Required Actions

- ✓ Encrypt the .txt file into the file send.png and save it in the Documents folder
- ✓ Password protect the file with with the password NoMor3L3@ks!.
- ✓ Confirm the functionality of the steganographyHide Details

  - File created
  - File opened

## Explanation

In this lab, your task is to use OpenStego to hide data in photos as follows:

- Encrypt the user data into the file to be shared.
- Name the file **send.png** and save it in the Documents folder.
- Password protect the file with **NoMor3L3@ks!** as the password.
- Confirm the functionality of the steganography by extracting the data and opening the file to confirm that the associated username has been embedded into the file.

Complete this lab as follows:

1. Encrypt the user data into the file to be shared as follows:
   a. In the search field on the taskbar, type **OpenStego**.
   b. Under Best match, select OpenStego.
   c. In the Message File field, select the **ellipses** at the end of the field.
   d. Select **John.txt**.
   e. Select **Open**.
   f. In the Cover File field, select the **ellipses** at the end of the field.
   g. Select **gear.png** file.
   h. Select **Open**.
   i. In the Output Stego File field, select the **ellipses** at the end of the field.
   j. In the File name field, enter **send.png**.
   k. Select **Open**.
2. Password protect the file as follows:
   a. In the Password field, enter **NoMor3L3@ks!**
   b. In the Confirm Password field, enter **NoMor3L3@ks!**
   c. Select **Hide Data**.
   d. Select **OK**.
3. Extract the data and open the file as follows:
   a. Under Data Hiding, select **Extract Data**.
   b. In the Input Stego File field, select the **ellipses**.
   c. Select **send.png** file with the encryption.
   d. Select **Open**.
   e. In the Output Folder for Message File field, select the **ellipses**.
   f. Double-click **Export** to set it as the destination of the output the file.
   g. Click **Select Folder**.
   h. In the Password field, enter **NoMor3L3@ks!** as the password.
   i. Select **Extract Data**.
   j. Select **OK**.
   k. From the taskbar, open File Explorer.

l. Double-click **Documents** to navigate to the folder.
m. Double-click **Export** to navigate to the folder.
n. Double-click **John.txt** to open the output file and verify that the decryption process was successful.