# Name: Session:

**Programming I**

**Lab Exercise 12.19.2019**

# Steganography

Your assignment today is hidden inside a JPEG picture. The picture with your assignment can be found inside the *\\Ada\Data Files\Programming I\SteganographyProject* folder. There are three files inside that folder:

*Assignment.jpg* – this file contains your assignment

*Calc for Cats.jpg* – this is the file before your assignment was embedded

*Jphswin.exe* – this is the program you can use to extract your assignment

In this assignment you are to do the following:

1. Copy these three files to your computer.
2. Open *assignment.jpg* and *Calc for Cats.jpg*. Compare them and see if there are any differences you can observe.
3. Close both files.
4. Start *jphswin.exe*.
5. Click on Open JPEG and select *assignment.jpg* – click Open.
6. Click on Seek.
7. Enter “test” for both the *passphrase* and *confirmation* and click OK.
8. The Save the hidden file as dialog box will be open and enter output.txt and click OK. A file called *output.txt* will be stored in the same folder as your other files. This is your assignment.