The purpose of this IT- Programming Capstone project is to demonstrate the uses and capability of steganography. The application will encrypt and decrypt sensitive data, in the form of text, into and from images, audio, video, and text files. The completion of the project will be proven when the user can hide a message or phrase in an image, audio, video, or text file. Then using a keyword can retrieve the information from the encrypted file. To complete the task background and knowledge of Java will be needed. Having a background of the best interests and practices of cyber security with also the knowledge of encryption and decryption techniques by using ciphers is an advantage for the project. The project will help in the future due to wanting to pursue a career in digital forensics which is the field that has the main concept of steganography. To achieve this goal of completing the steganography application the knowledge of Java, designing, and implementing the main application as well as the encryption and decryption for each individual type of file, then finally debugging each aspect of the project. Steps to achieve the total completion of this project by the early - April date of April fourth will be identifying the tasks to be done and creating a schedule to follow to make the most out of time. This project will be completed when the user can input a message and the message is hidden in the file type of the user’s choice.