Date: 11/28/2022   Examiner: Christian Lam
On the first day of the case report, I reviewed the background of the case. I installed the files for the case report and opened them on EnCase. I left the software open overnight to process the case for file signatures.

Date: 11/30/2022   Examiner: Christian Lam
After EnCase had processed the case for file signatures, I began to look through all the files in the C:\, D:\, and E:\ drives to get familiar with EnCase.

Date: 12/2/2022   Examiner: Christian Lam
Today, as I continued to analyze all the files within all three drives I came across some files that previewed a picture in the Encase tab. It appears that some of the files without an image extension displayed an image. I was able to find three images of the stolen artwork in the documents folder using this method.

Date 12/4/2022   Examiner: Christian Lam
As I continued to use the same method as the previous time, I was able to find two more images of the stolen artwork within the pictures folder. I continued to look through each file for a bit more and stop at the halfway mark for the files within the D:\ drive.

Date: 12/5/2022   Examiner: Christian Lam
Today, I continued the same method as previously. As I was examining all the files again in the D:\ drive. I was able to find one of the stolen artworks labeled as a .sys file. While double-checking the folders in the D:\ drive again, I found a keys folder under the desktop folder that obtain an image from the stolen artwork.

Date: 12/6/2022   Examiner: Christian Lam
Today, I decided to look through all the files of the D:\ drive again but this time I would look at the hex values of the image. If the hex value contains the file signature of a JPG that means the file could be secretly a JPG image. Under the documents folder, I located two files that were different extensions but contained a JPG file signature. I grab the files and corrected the hex of the files in a hex editor to obtain two images of the stolen artwork. I also found a file with a different extension that contained a JPG file signature in the hex value under the Windows Mail folder. I applied the same technique and edited the hex values to correct the file signature to obtain one of the images of the stolen artwork.

Date: 12/7/2022   Examiner: Christian Lam
The method I attempted today, was to check all PowerPoint and quiz files under documents because there are images that can be placed on PowerPoint and quizzes. I extracted all the PowerPoints and came across one PowerPoint that contained an image folder that contained one of the images of the stolen artwork. After extracting all the quizzes, one of them contained an image in the image folder that I wasn't able to view. I took that image file and examined the hex values. I found there was a JPG file signature in the image file. I corrected the file signature of the file and found another image of one of the stolen artworks.

Date: 12/8/2022   Examiner: Christian Lam

I continued to try and search for the last image that I needed. I searched through the whole D:\ drive setting the keyword to find "Adobe Photoshop 22.4 (Macintosh)". The results of the keyword search only found the images that I had already found. I was unable to find the last image. Therefore I started to find instances that the images that could be distributed. I examined the LNK files in the drives since these files contain timestamps of when a file was opened and modified along with the original file path. I saved the timestamps of the files for the images of the stolen artwork that I had already found. I found LNK files for Bluetooth and Fax to compare with the image files and found similar timestamps.

Date: 12/9/2022   Examiner: Christian Lam

On the last day, I went through all the files in C:\, D:\, and E:\ drives to find the unallocated partition files for the extra image from the stolen artwork. I struggled to find the files for the unallocated partition. After a couple of hours of attempting to locate the files, I decided to compose and complete the pdf of the Case Report.