Overview & Questions

- Overview of "The Case of Robbin' Robert":
- Charlotte's booming financial infrastructure has suffered a major setback in the past week. A bank robbery took place at the Bank of America Tower in central Charlotte. The heist removed, in totality, $5,000,000 from the tower's vaults in the form of cash money and other assets such as gold and silver. The heist took place at night on the 47th, 55th, and 60th floors of the building and it is believed to have been committed with a crew of eleven individuals. A suspect has been apprehended who goes by the nickname "Robbin' Robert" and is believed to have setup this heist with ten other cohorts of crime (the suspect has a striking resemblance to the A-list actor George Clooney). The SATA SSD SanDisk 128GB drive found on his computer has been lawfully retrieved, imaged and sent to you, a forensic expert, for analysis. The image file, *robbinrobert.e01*, is suspected to have information about the robbery as well as evidence to suggest that the location of the heist was to be the Bank of America tower. Information such as crew contacts, money payouts, and instructional documents are also suspected to be found on the drive.

- Topics include:
  - Decrypting simple ciphers
  - Using a hexeditor to fix a corrupted png file
  - Locating, identifying, and analyzing pertinent documents/evidence of a robbery/heist

- Questions:

1. Are there any pictures on the drive that match the description of Robbin' Robert?

2. Are there any items on the drive that might allude to heists in general, or any media that involves plans to perform one?
    a. Media in terms of video games?
    b. Media in terms of film?
    c. Media in terms of documents (web, word, etc..)?

3. Are there any hidden files/folders on the drive? If so, what are they?

4. Can you gain access to the encrypted hidden folder, perhaps with information from the other hidden folder?

5. A heist of $5,000,000 doesn't happen without financial planning. Can you find a document related to the finances of the heist? Can it be accessed?

6. Can you identify the expenditures of the heist?

7. Can you identify the payouts to the crew members?

8. Can you identify the financial gain of the materials from the heist, and the financial gain for the last crew member after expenditures?

9. Can you now retrieve any possible names and contact information of the heist crew?

10. Can you find any evidence that the heist was planned to take place at the Bank of America tower on the 47th, 55th, and 60th floors?