

Project – 3

Steganography

The scope of this project is to embed and extract secret text in a carrier file.

Report:

1. This python code uses only the suggested libraries.
2. The program display options that allows user to select either an embed or extract method.
3. To embed – the secret message to embed is asked as an input from the user and it is embedded at the end of the carrier file and created as a new modified file.
4. To extract – the secret message is extracted from the carrier file and saved to a text file.
5. The file name, file size and hash value of the original file and modified file is displayed to the user.
6. The end offset value of each file type is used to embed and extract the text.
7. This script can be used for file types png, jpg and jpeg.

Code:

1. Windows command prompt was used to test this python script.
2. Command used: `python shjo5831_stegno.py`
3. Do not forget to mention the extension along with the filename.

Submitted by,

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