**Output:**

**Requirements:**

Python 3.x

wave module (standard library)

argparse module (standard library)

wav audio file (can be any but should be in wav format)

**Usage:**

**Hiding a Secret Message in Audio:**

python hide\_message.py -f [path\_to\_audio\_file] -m [secret\_message] -o [output\_audio\_file]

-f, --audiofile: Path to the input audio file.(the wav audio should be saved in the system beforehand)

-m, --secretmsg: Secret message to be hidden within the audio file.

-o, --outputfile: Path to the output audio file with the hidden message.(encrypted wav file)

**Extracting a Secret Message from Audio:**

python extract\_message.py -f [path\_to\_audio\_file]

-f, --audiofile: Path to the input audio file containing the hidden message.(the encrypted wav file with hidden message so that the message can be extracted)

**For my code:**

python jash.py -f audio.wav -m "Top secret message" –o output.wav

python decodeaudio.py -f output.wav

