**Hiddendoc.py**

import argparse

def hide\_message(doc\_file, secret\_msg, output):

with open(doc\_file, 'r') as file:

content = file.read()

content += "\n###" + secret\_msg + "###"

with open(output, 'w') as file:

file.write(content)

print("Secret message hidden successfully.")

def main():

parser = argparse.ArgumentParser()

parser.add\_argument('-f', help='Document File', dest='docfile', required=True)

parser.add\_argument('-m', help='Enter your Secret Message', dest='secretmsg', required=True)

parser.add\_argument('-o', help='Output File Path and Name', dest='outputfile', required=True)

args = parser.parse\_args()

file\_path = args.docfile # Renamed variable to avoid shadowing

secret\_msg = args.secretmsg

output = args.outputfile

try:

hide\_message(file\_path, secret\_msg, output)

except FileNotFoundError:

print("File not found. Please provide a valid file path.")

except Exception as e:

print("An error occurred:", e)

if \_\_name\_\_ == "\_\_main\_\_":

main()

**exdoc.py**

import argparse

parser = argparse.ArgumentParser()

parser.add\_argument('-f', help='Document File', dest='docfile')

args = parser.parse\_args()

doc\_file = args.docfile

arged = False

if doc\_file:

arged = True

def extract\_message(input\_doc\_file):

if not arged:

print("Usage: python ExDoc.py -f [Document File]")

else:

try:

with open(input\_doc\_file, 'r') as file:

content = file.read()

start\_index = content.find("###")

end\_index = content.find("###", start\_index + 1)

if start\_index != -1 and end\_index != -1:

secret\_msg = content[start\_index + 3:end\_index]

print("Extracted secret message:", secret\_msg)

else:

print("No hidden message found.")

except FileNotFoundError as file\_err:

print("File not found:", file\_err)

except Exception as other\_err:

print("An error occurred:", other\_err)

try:

extract\_message(doc\_file)

except KeyboardInterrupt:

print("Keyboard interrupt detected. Exiting...")

except Exception as ex:

print("Something went wrong! Please try again:", ex)