Don Bosco Institute of Technology
Department of Computer Engineering

Academic year – 2021-22

Class: B.E. COMPUTER ENGINEERING

Subject: Computational Lab -I

Course Code: CSL704

Experiment Title: Use of steganographic tools like OpenStego, to detect data hiding or unauthorized file copying

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Roll No.: 05

Batch: D

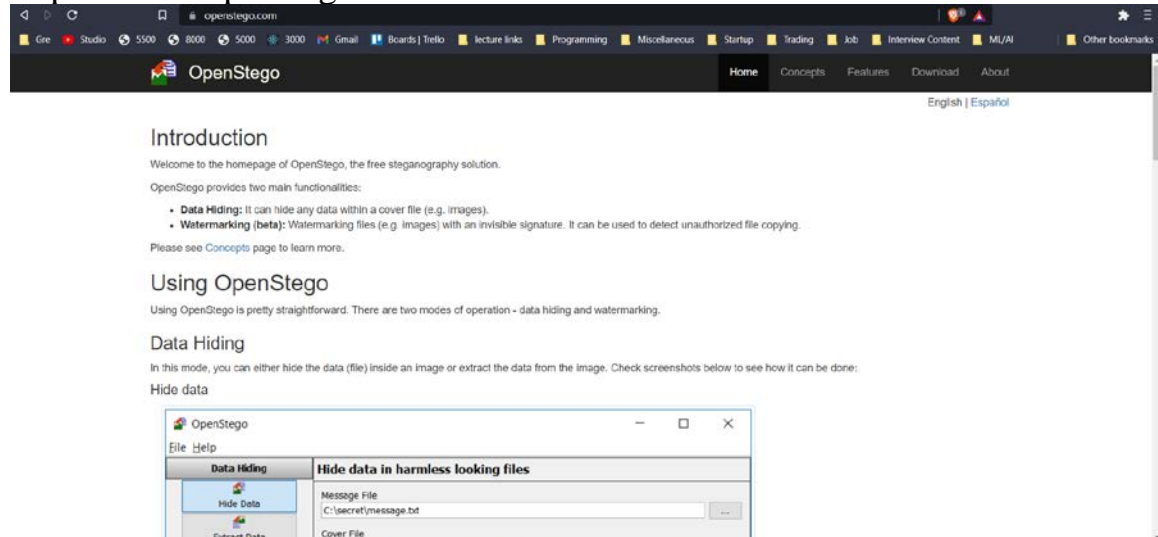**Date of Performance: 27/7/21**

Date of Submission: 27/7/21

Aim : To use steganographic tools like OpenStego, to detect data hiding or unauthorized file copying
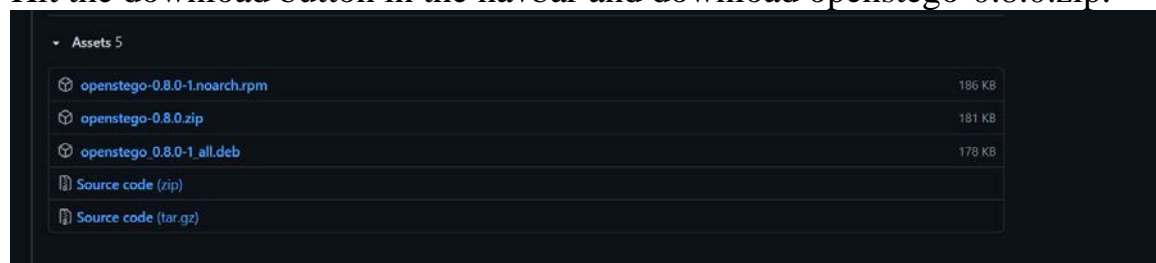
Screenshots:

Installation

Visit
https://www.openstego.com/

Hit the download button in the navbar and download openstego-0.8.0.zip.

Extract the folder and run openstegno.bat

lib	1/16/2021 3:12 PM	File folder	
LICENSE	1/16/2021 3:12 PM	File	18 KB
openstego.bat	1/16/2021 3:12 PM	Windows Batch File	2 KB
openstego.ico	1/16/2021 3:12 PM	Icon	5 KB
openstego.sh	1/16/2021 3:12 PM	SH Source File	1 KB
README	1/16/2021 3:12 PM	File	8 KB

Data Hiding

Hide Data

Input Files

Extract Data

Message file successfully extracted from the Cover file: password.txt

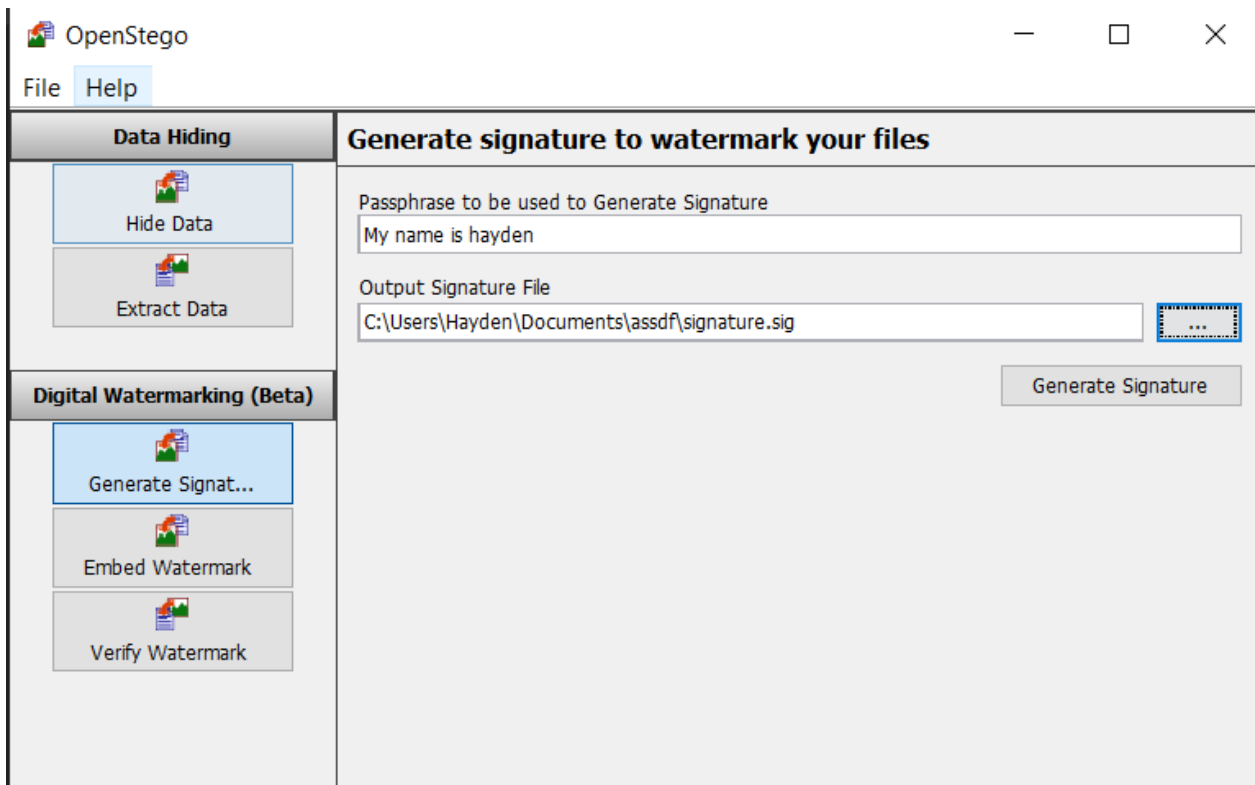password.txt - Notepad

File Edit Format View Help

haydenpassword
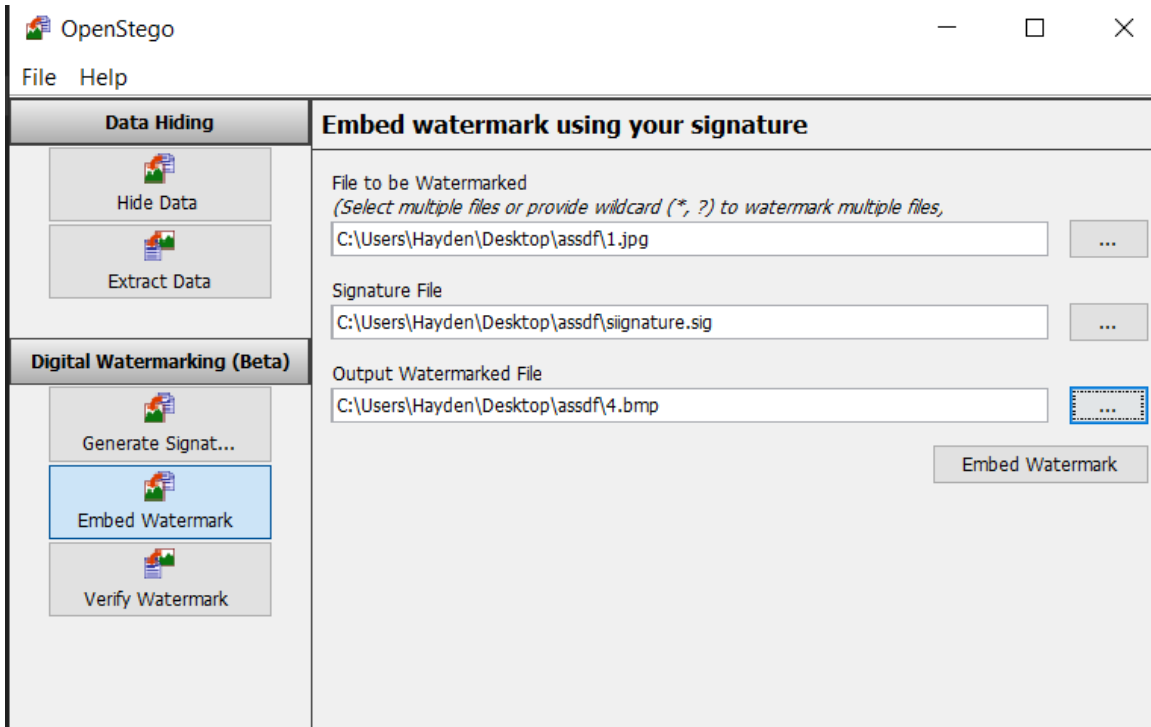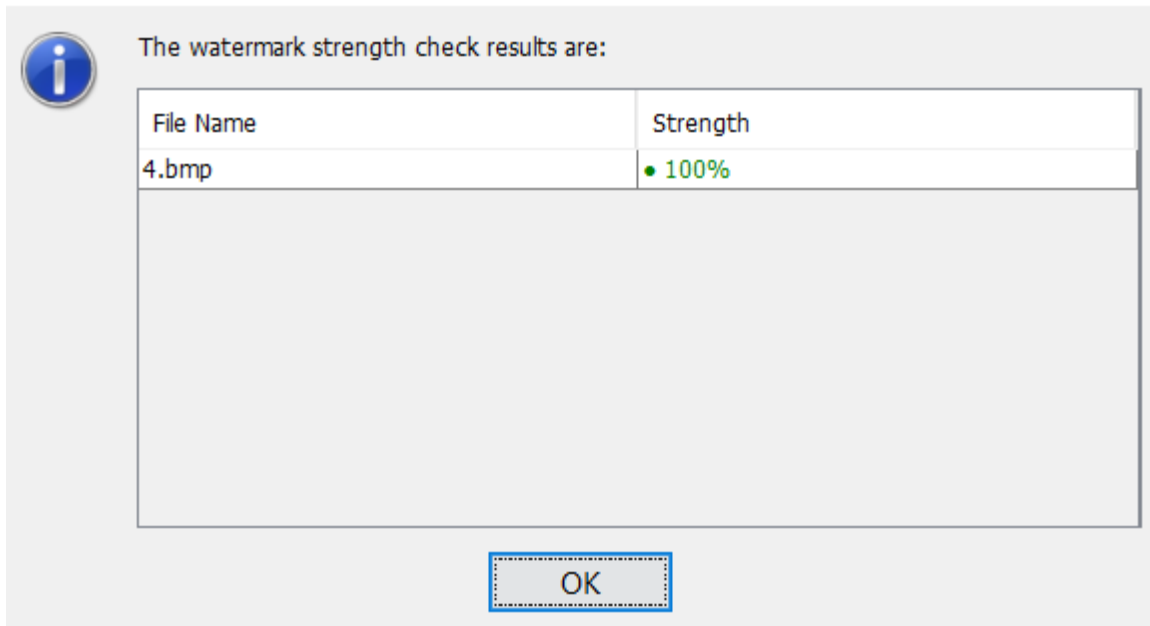
Digital Watermarking

Generate signature

Watermark Files

Verify Watermark

Results   ✕

The watermark strength check results are:

File Name	Strength
4.bmp	● 100%

OK

Conclusion :Students were able to use the tool to perform different operations like hiding data, extracting data, creating signature files, embedding watermark and verifying the watermark.