**Secure Data Hiding in Images Using Steganography**

This project demonstrates a simple implementation of steganography in C, allowing you to hide and extract data within BMP images.

Files

**main.c:** The main driver program.

**steganography.h:** Header file containing function declarations.

**steganography.c:** Source file containing the

implementation of

steganography functions.

**Makefile:** Script to build the project.

**Usage:**

**Building the Project**

To compile the project, run:

$make

**Embedding Data**

To embed data into an image:

./steganography embed <input\_bmp> <output\_bmp> <data\_file>

$./steganography embed input.bmp output.bmp secret.txt

Extracting Data

To extract hidden data from an image:

./steganography extract <stego\_bmp> <output\_data\_file>

$./steganography embed input.bmp output.bmp secret.txt