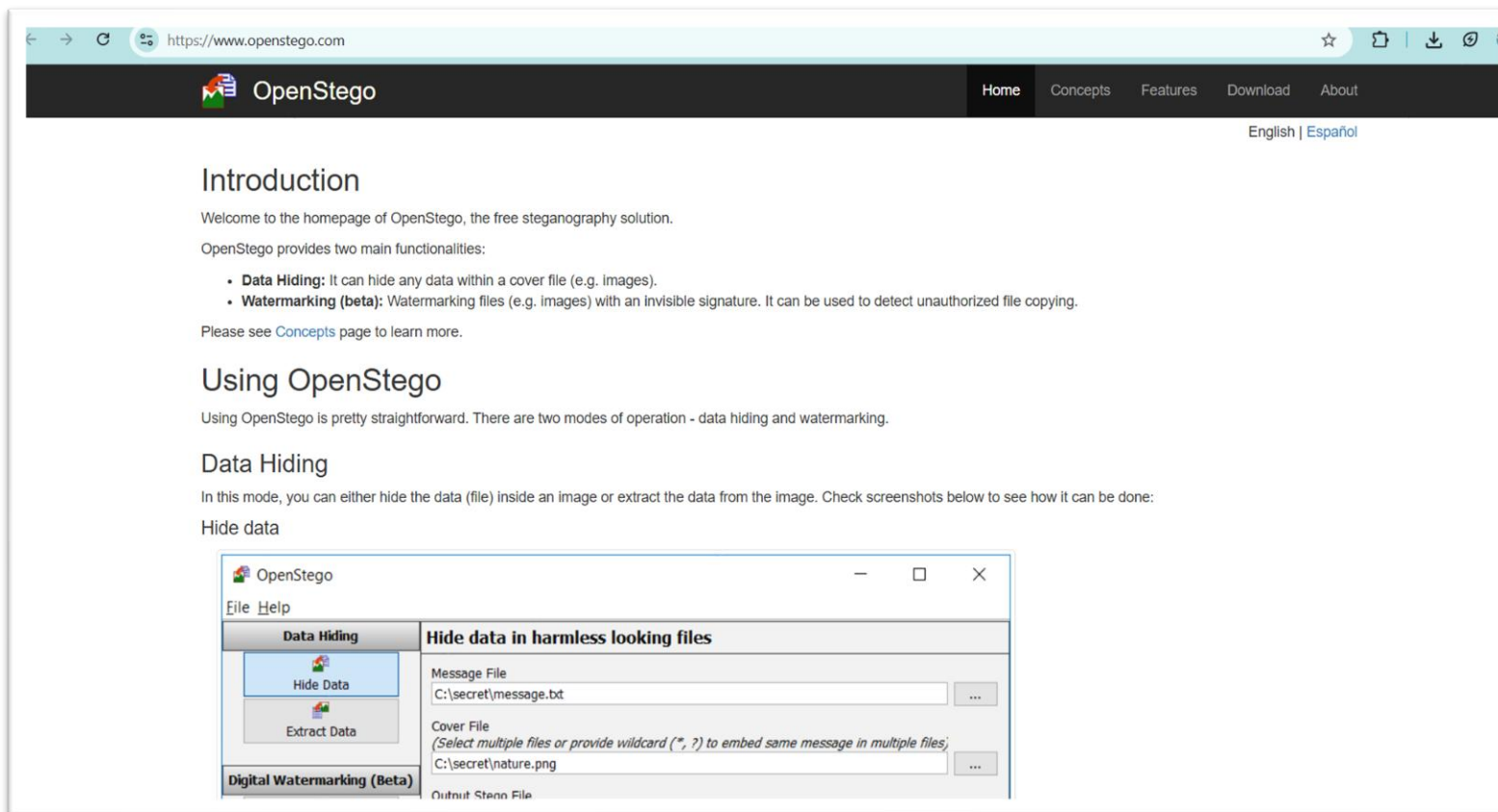


Procedure

Step 1: Download OpenStego

1. Open **Google Chrome**.
2. Search and download **OpenStego** from the official website.
3. Install the software on your system.



Step 2: Open OpenStego

1. Launch the **OpenStego** application.
2. Choose the option **Data Hiding** (default).

Step 2.1: Select Files

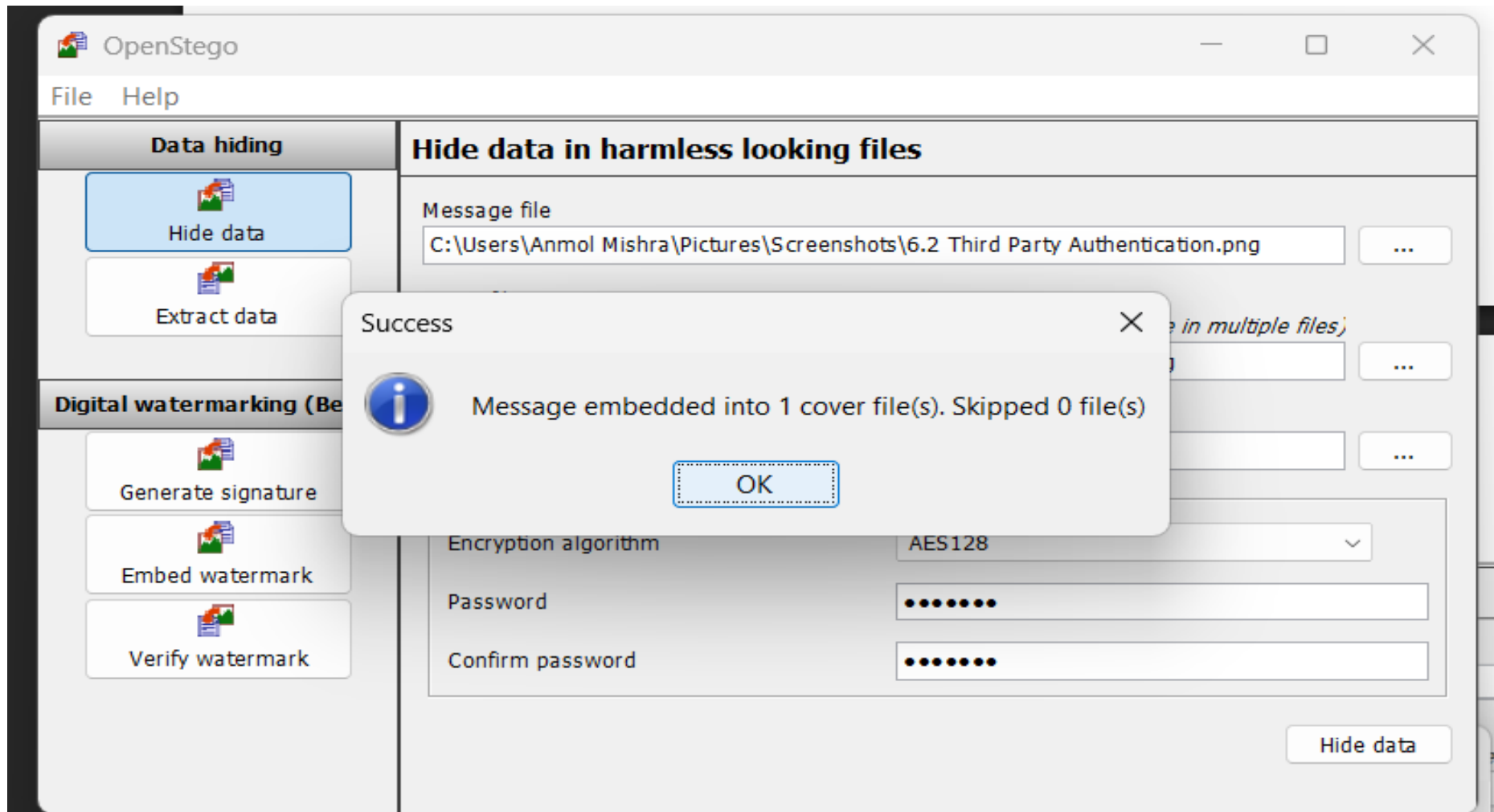
1. In the **Input File** option → select the **Secret Image**.
2. In the **Cover File** option → select the **Cover Image**.
3. In the **Output Stego File** option → give a name (e.g, Complete.png).

The screenshot shows the OpenStego application window. The title bar reads "OpenStego" with standard window controls. The menu bar contains "File" and "Help". The main interface is divided into a left sidebar and a main content area. The sidebar has two main sections: "Data hiding" and "Digital watermarking (Beta)". Under "Data hiding", there are two buttons: "Hide data" (highlighted in blue) and "Extract data". Under "Digital watermarking (Beta)", there are three buttons: "Generate signature", "Embed watermark", and "Verify watermark". The main content area is titled "Hide data in harmless looking files". It contains three input fields with file paths: "Message file" (C:\Users\Anmol Mishra\Pictures\Screenshots\6.2 Third Party Authentication.png), "Cover file" (C:\Users\Anmol Mishra\Desktop\Photo Collection\20231028_180918.jpg), and "Output stego file" (C:\Users\Anmol Mishra\Desktop\Complete.png). Below these fields is an "Options" section with three rows: "Encryption algorithm" set to "AES128", "Password" (masked with dots), and "Confirm password" (masked with dots). A "Hide data" button is located at the bottom right of the main content area.

Data hiding	
Hide data in harmless looking files	
Message file	C:\Users\Anmol Mishra\Pictures\Screenshots\6.2 Third Party Authentication.png
Cover file <i>(Select multiple files or provide wildcard (*, ?) to embed same message in multiple files)</i>	C:\Users\Anmol Mishra\Desktop\Photo Collection\20231028_180918.jpg
Output stego file	C:\Users\Anmol Mishra\Desktop\Complete.png
Options	
Encryption algorithm	AES128
Password
Confirm password
Hide data	

Step 4: Hide the Image

1. Click on the **Hide Data** button.
2. The software will generate a **stego image** (cover + secret combined).



Step 5: Extract the Hidden Image (Verification)

1. To verify, go to **Extract Data** option in OpenStego.
2. Select the stego image as **Input File**.
3. Choose an **Output Folder**.
4. Click **Extract Data** → your secret image will be revealed.

