**Hiding Data in Executables**

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This project implements a steganography technique for hiding binary data within an executable file. The program can encode the binary data within the file without altering its functionality by replacing assembly instructions with equivalent ones according to a binary input. This approach provides a secure and efficient way to transfer sensitive data within existing files without detection. Additionally, using steganography techniques adds an extra layer of security by hiding the existence of the data. This project combines the principles of assembly programming, binary manipulation, and steganography to provide a unique and effective data-hiding solution.

**Keywords:** steganography, executable, assembly instructions, binary data, binary manipulation, data hiding.