

# Cryptography text converter using file handling

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# Brief discretion

Ciphertext is encrypted text transformed from plaintext using an encryption algorithm. Ciphertext can't be read until it has been converted into plaintext (decrypted) with a key. This converter is used to convert plain text to cipher text.

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# learnings

- Technical term
  - What is ciphertext
  - Caesar cipher
  - Debugging
- Language
  - JAVA
    - File handling
    - Input output
    - Strings
    - Functions
    - Class and objects

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## File handling-

File handling in C enables us to create, update, read, and delete the files stored on the local file system through our C program. The following operations can be performed on a file.

## Input Output-

In java input output it is used to interact to system.

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## Strings-

A string is generally considered as a data type and is often implemented as an array data structure of bytes that stores a sequence of elements, typically characters, using some character encoding..

## Functions-

Functions allow the same piece of code to run multiple times. Functions break long programs up into smaller components.

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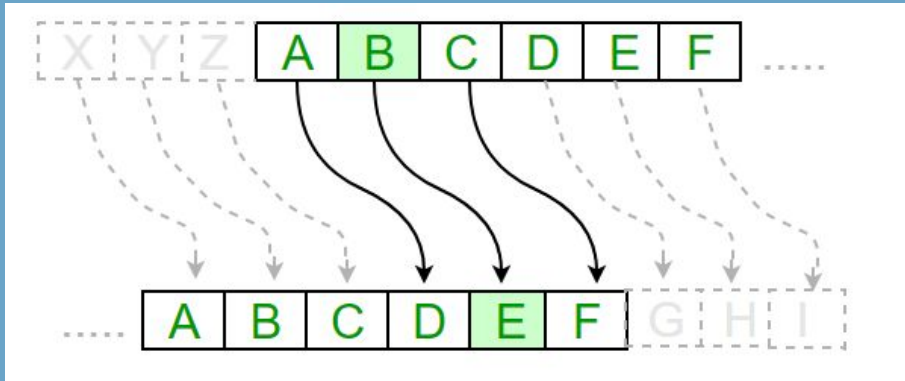
## Class & objects-

We will learn about Java objects and classes. In object-oriented programming technique, we design a program using objects and classes.

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# Algorithm for Caesar Cipher

The Caesar Cipher technique is one of the earliest and simplest method of encryption technique. It's simply a type of substitution cipher, i.e., each letter of a given text is replaced by a letter some fixed number of positions down the alphabet.



THANK YOU

