

```
#include <cassert>
#include <fstream>
#include <iomanip>
#include <iostream>
#include <sstream>
#include <ctime>
```

Encryption_File.cpp

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Encrypt_Decrypt Key

Implement XOR-based encryption

Encrypt or Decrypt source string using encrypt_decrypt key

Construct File Name, Encrypted File Name, Decrypted File Name, Source String, and Key

Specify location of "inputdatafile.txt";

Use the XOR key to modify the key length

Implement loading data from text file into string

Read String file and return file content

Construct Student Name, Encrypted String, Decrypted String

Get Student Name and return value

Save string to text file

Save Student data to txt file

File Format - student name, timestamp-yyy-mm-dd, key used, data

Test Encryption or Decryption

View saved all files and thier content for decryption