

## Encrypter (C)

private:

string user ID

string password

int sumOfUserID

public

Encrypter()

Encrypter(userID, password)

generatePassword() void

setUserID(string) void

setPassword(string) void

getUserID() string

getPassword() string

encryptPassword() void

getSumOfUserID int

## File Maker And Reader (C)

private:  
string filename  
int variable;

public:  
fileMakerAndReader()  
objectMaker(string) Encrypter\*  
objectMaker2(string, Encrypter[]) Stack\*  
textMaker() void  
textMaker2(string, Encrypter[]) void  
encryptionReader() Encrypter\*

Node (C)

private:

Encrypter\* encrypt  
Node\* next = nullptr

public:

Node(Encrypter\*, Node\*)  
getValue() Encrypter\*  
getNext() Node\*  
setNext(Node\*) void

Stack (C)

private:

head Node\*

tail Node\*

isEmptyCheck bool

Counted int

public:

Stack()

isEmpty() bool

push(Encrypter\*) void

pop() Encrypter\*

search(string, string) Encrypter\*