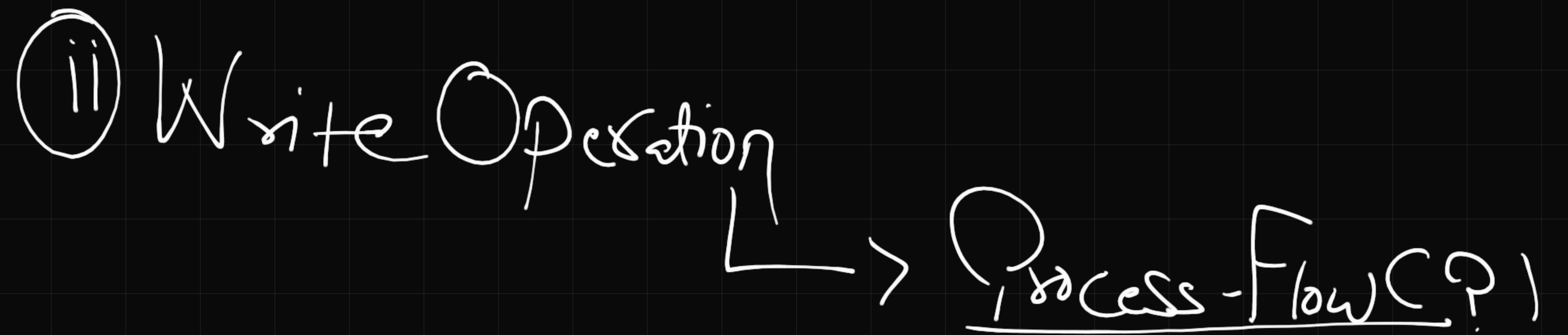
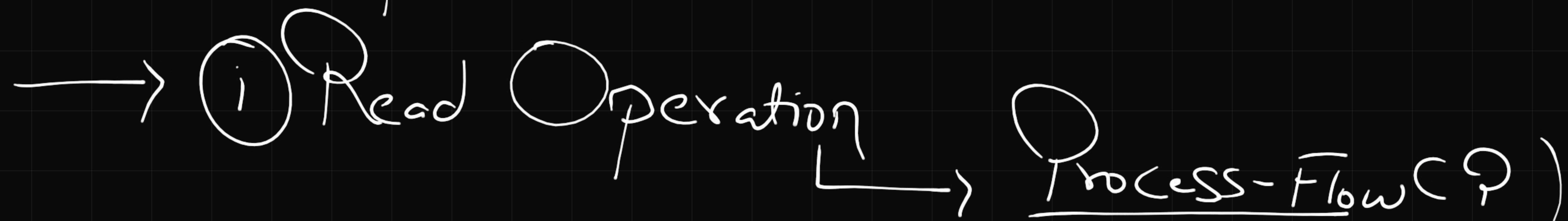
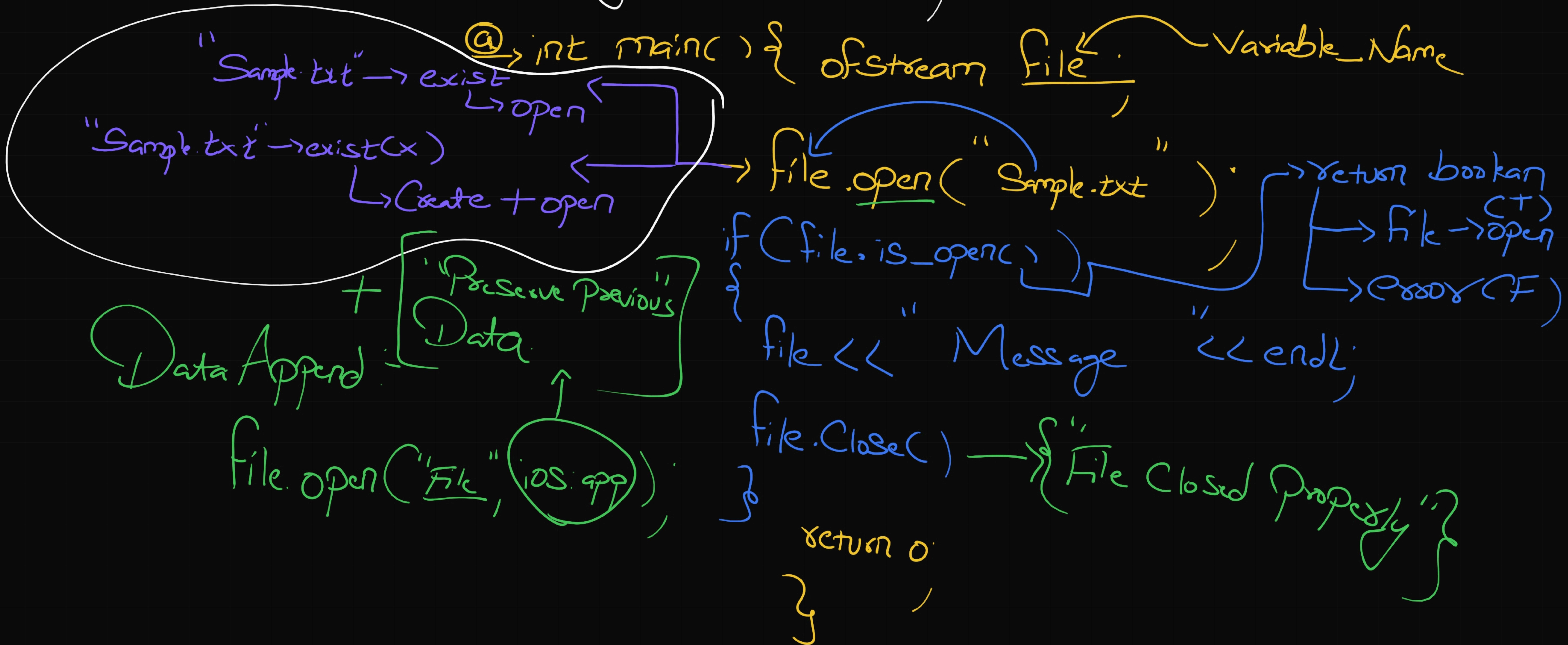


File Management

L, "Through C++ Program/Code we can also do the file-operation which includes → Read, Write,
Open & Close."



* Write Operation - ① #include <iostream> // file operation by using pre-built method



Notes - i) Required Library #include <iostream>

- ii) Write Operation Pre-built Method - of Stream Var_name;
- iii) To open a file → Var_name. Open ("filename.txt", iOS::app)
(Pre-built method)
- iv) To identify Error → Var_name. is_open()
(During file opening)
→ return Boolean
→ True (successed)
→ False (error)
- v) Write message → Var_name << msg << endl
→ False (error)
- vi) To Close File → Var_name. close()
→ Use to close file Properly

* Read Operation - #include <fstream> → #include <iostream>

Using Namespace std.

```
int main() {
    string onelineStatement;
    ifstream fileI;
    fileI.open ("Sample.txt");
    if (fileI.is_open()) {
        while (getline (fileI, onelineStatement)) {
            cout << onelineStatement << endl;
        }
    }
    fileI.close();
}
```

String onelineStatement
ifstream fileI
fileI.open ("Sample.txt")
if (fileI.is_open()) {
 while (getline (fileI, onelineStatement)) {
 cout << onelineStatement << endl;
 }
}
fileI.close();

Var_name

onelineStatement

Notes- ① #include <iostream> // to read the data.

#include <string> // to store & point the data from the targeted file.

ii For read operation → ifstream Var_name;
(pre-built method)

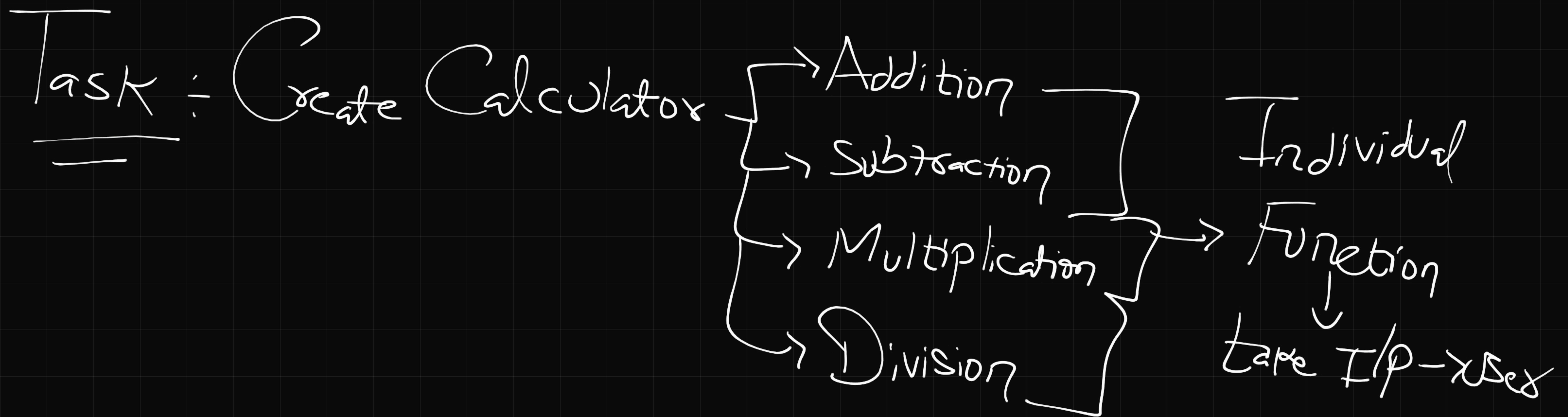
iii To Point the → getline (Var_name, String-Var_name);
Data

iv Close File → Var_name.Close().
(pre-built method)

Task :- Perform write operation in "Sample.txt" and

this time take the message from the user

then store that message inside that file.



Task :- O/p :- Choose from a given option below:

Press → 1 for Addition.

Press → 2 for Subtraction.

Press → 3 for Multiplication.

Press → 4 for Division.

Enter Your Choice: _____ ↗ User Choice

* Use:

↳ Switch Case Statement in Your Code.