C++ Programming Files and Streams 2

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Reading and writing (appending)

```
#include<fstream> // for ifstream and ofstream
   using namespace std;
 7⊖int main() {
       bool append = true;
10
       auto status = ios::in | ios::out | ios::app;
11
12
       if (!append)
13
           status = ios::in | ios::out | ios::trunc; // overwrite
14
       string path = "names.txt";
15
       fstream file handler(path.c str(), status);
16
17
18
       if (file handler.fail()) {
           cout << "Can't open the file\n":
19
20
           return Θ;
21
22
       string first, second;
       file handler >> first >> second;
23
24
25
       cout << first << " " << second << "\n";
26
27
       file handler.clear(); // if any internal errors, before writing
28
29
       file handler << "\nibrahim\n";
30
       file handler.close():
31
```







Reading whole file content

```
5⊖int main() {
         string path = "names.txt";
         fstream file handler(path.c str());
  9
         if (file handler.fail()) {
             cout << "Can't open the file\n";
 10
             return 0;
 12
 13
         string line;
 14
 15
         while (getline(file handler, line))
 16
             cout << line << "\n";
 17
         file handler.close();
 18
 19
 20
         return Θ;
 21 }
 22
🖳 Console 🛭 🦹 Problems 🥝 Tasks 🗏 Properties 👭 Call C
<terminated>ztemp [C/C++ Application] /home/moustafa/woi
mostafa
saad
ibrahim
```

"Acquire knowledge and impart it to the people."

"Seek knowledge from the Cradle to the Grave."