

More STL

File IO: output

```
#include <fstream>
ofstream outfile("file name");
for( int i=0; i < 10; i++ )
    outfile << i << endl;
}
outfile.close();
```

- `ofstream outfile("filename", ofstream::app);`

File IO: input

```
#include <fstream>
ifstream infile ("file name");
string line;
while( !infile.eof() )
    getline( infile, line )
    ...
}
infile.close();
```

- cin is an ifstream

Map

- key-value database
- `map<string, int> scores;`
- `scores["Minho"] = 90;`
- `cout << scores["Minho"]`
- `scores.find("Minho")`
- `scores.erase("Minho");`
- `scores["Minho"].first`
- `scores["Minho"].second`