

Stringstreams

Solutions

istream

```
#include <sstream>
#include <fstream>
#include <vector>
#include <iostream>

using namespace std;

int main() {
    ifstream infile("data_is.txt");
```

istreamstream contd

```
if (infile) {  
    string line;  
    vector<int> numbers;  
  
    while (getline(infile, line)) {  
        istringstream is(line);  
        int num;  
        while (is >> num) numbers.push_back(num);  
    }  
    for (auto n: numbers) cout << n << endl;  
}  
else cout << "Could not open data_is.txt" << endl;  
}
```

ostreamstream

```
#include <sstream>
#include <fstream>
#include <iostream>

using namespace std;

int main() {
    ifstream infile("data_is.txt");

    if (infile) {
```

ostringstream contd

```
string line;
ostringstream os;

while (getline(infile, line)) {
    istringstream is(line);
    int num;
    while (is >> num) os << num << " ";
}
cout << os.str() << endl;
}
else cout << "Could not open data_is.txt" << endl;
}
```