Redirecting the file to the program:

code:

```
#include <iostream>
#include <string>

int main() {
    std::string str = "";
    while (std::cin >> str) {
        std::cout << str << std::endl;
    }

    return 0;
}
```

file:

```
line_1

line 3 "other signs here"
line 4 and that's it .
```

linux:

```
run terminal
cd /path_to_your_dir/
g++ code.cpp
./a.out < file
```

windows:

```
compile with your IDE
go to your project path in cmd - eg. " C: " change disc C:\
code.exe < file
```

output:

```
./a.out < file
line_1
line
3
"other
signs
here"
line
4
and
that's
it
.
```

Program arguments:

argc: **arg**ument **c**ount
contains the number of given arguments along with the name of the program, the minimum value is 1

argv: **arg**ument **v**ector
a vector of C-type strings containing arguments, the zeroth element contains the name of the program

code:

```cpp
#include <iostream>

int main(int argc, char *argv[]) {
    std::cout << " argc: " << argc << std::endl;

    for (int i = 0; i < argc; ++i) {
        std::cout << "    " << i << ": " << argv[i] << std::endl;
    }

    return 0;
}
```

linux:

```
run terminal
cd /path_to_your_dir/
g++ code.cpp
./a.out first second
```

output:

```
argc: 3
    0: ./a.out
    1: first
    2: second
```

windows:

```
compile with your IDE
go to your project path in cmd - eg. " C: " change disc C:\
code.exe first second
```

output:

```
argc: 3
    0: code.exe
    1: first
    2: second
```