Exercise 1

Write a command line program in C language with this syntax:

```
sort_int <filein.txt> <fileout.txt>
```

The first parameter is the name of a text file that contains text format base 10 numbers representable as 32 bits signed integers, separated by whitespace. The program must create a new file, with the name passed as the second parameter, with the same numbers sorted from the smallest to the largest, each followed by <new line>.

For example the file containing:

```
120↵
35 -98↵
100000↵
87↵
236 85
```

would output the file

```
-98↵
35↵
85↵
87↵
120↵
236↵
100000↵
```

If the input file contains incorrect data, the program limits itself to the data it has managed to read so far and ignores the rest. For example the file containing:

```
120↵
35 -98x↵
87↵
236 85
```

would output the file

```
-98↵
35↵
120↵
```