CS430 Project Input &Output Format

Your program should be able to accept an input file called "**input.txt**" and produce an output file called "**output.txt**". The content of the files will be specified below.

"**input.txt**" contains n+1 lines. The first line contains 2 number n and m. The next n lines each contain a starting time s_i and an ending time t_i for the ith job.

"**output.txt**" contains m+1 lines. The first line give the number k which is the maximum number of jobs you are able to schedule. The next m lines gives the sequences of jobs scheduled on each machine.

Here is a sample.

input.txt

```
5 2

5 8

1 10

1 7

3 4

8 12
```

output.txt

```
4

3 5

4 1
```

Explanation:

There are 2 machines and 5 jobs. You can schedule 4 jobs at best. The first machine processes job 3 and 5 in order. The second machine processes job 4 and 1.