Algorithmics	Student information	Date	Number of session
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Activity 1. [Validation results]

Indicate in the document what the complexity of your algorithm is (or approximately). Why you get that complexity?

A backtracking algorithm can only have two types of complexities: O(n!) or O(C^n). Both are really big ones but this algorithm is very useful because we always get the optimal solution, because when it finds an incorrect solution it goes back over its steps and then it tries another better way to find the optimal solution.

Indicate in the document (you can copy and paste the solution of your program) what is your solution for the following example: BestList list01.txt 20

```
Number of songs: 10

List of songs:
id: 3ld4R7   seconds: 4:27       score: 3475
id: 8j4gE3   seconds: 5:22       score: 2834
id: 0fmvy3   seconds: 4:40       score: 3842
id: 8id4R7   seconds: 4:27       score: 3475
id: 9u4gE3   seconds: 6:59       score: 2834
id: 2lsdf9   seconds: 3:22       score: 3842
id: 3j4yQ6   seconds: 5:02       score: 2834
id: 06rwq3   seconds: 4:48       score: 3842
id: 87UKo2   seconds: 3:27       score: 3475
id: 5rtZe9   seconds: 4:44       score: 2834

Length of the blocks: 20
Total score:
Total counter:
```