1 Problem name

- *Algorithm:* name (algo. 1)

- *Input:* what inputs are expected

- *Complexity:* complexity of the algorithm, e.g. $\mathcal{O}(n)$

- *Data structure compatibility:* data structures that can be used with the algorithm; N/A if unrelated

- *Common applications:* most common fields where this algorithm is used

Problem. Problem name
Precise and concise formal definition of the problem.

Description

Detailed description of the problem; More detailed information on the input and complexity; more applications with details on how they relate to each other (if this is the case).

Algorithm 1: name

    Input :
    Output:

1 **return**

References

- If available provide URLs, e.g. http://mywebsite.org

- Wikipedia is not acceptable if this is the unique reference

- Reference some books, or published articles

- Use reliable websites (no blog allowed) that are not likely to disappear any time soon