

ICPC Sessions OR How to Solve Problems

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A Note on Programming Languages

Here's what you can use in the ACM ICPC:

- C
- C++
- Java
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 - NetBeans

Complete Search

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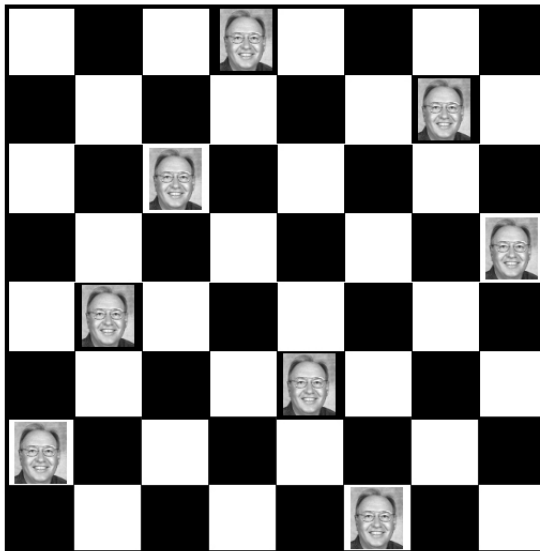
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- A good rule of thumb:

If it's less than 100 million operations, it will work in time.

In how many ways can you place 8 queens on a chessboard so that they do not attack each other?

Example

Here's one way:



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- At every point we have at most one queen placed on every row and column.
- Reduces the search space to $8! = 40320$.