

Problem of the Day

- Your job is to arrange n rambunctious children in a straight line, facing front. You are given a list of m statements of the form “ i hates j ”. If i hates j , then you do not want put i somewhere behind j , because then i is capable of throwing something at j .
- Give an algorithm that orders the line, (or says that it is not possible) in $O(m + n)$ time