



# Naughty or nice



Santa has told each child in the world that they are on his naughty list or his nice list. A child on the naughty list always lies. For example, if a naughty child is asked “Are you naughty?” they will answer “No.” A child on the nice list always tells the truth. For example, if a nice child is asked “Are you naughty?” they will answer “No.”



## QUESTION

Which of these statements can be said by any girl on the naughty list, but not said by other children?

- A. I am a boy on the naughty list.
- B. I am a boy on the nice list.
- C. I am a girl on the naughty list.
- D. I am a girl on the nice list.

Computational thinking resources for teachers by Maynooth University – [pact.cs.nuim.ie](http://pact.cs.nuim.ie)  
Original © 2013 Bebras, modifications © 2021 Maynooth University, licence: CC-BY-NC-SA 4.0

