

# Theory and Practice of Artificial Intelligence

## Introduction: What is Artificial Intelligence?

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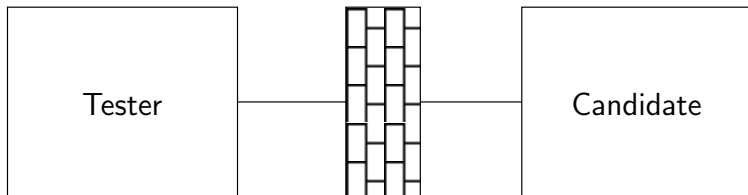
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# Is it AI?

- 1 text editor
- 2 searching for a name/address/occupation record in a database
- 3 chess and go playing programs
- 4 language translation
- 5 robot control
- 6 puzzle solvers
- 7 Turing test contenders

# The Turing Test



- terminal communication with unknown partner
- no way of identifying partner
- **Question:** is partner human or not?
- **See:** e.g. (Saygin et al. 2000)

*On the internet, nobody knows you are a dog!*

*New Yorker Magazine, July 1993*

# Example: RoboCup

**RoboCup:** the Robot Soccer World Championship

**Simulation League:** Humanoid Robots playing soccer

RoboCup Soccer Simulation League 3D Final 2007

