



# Artificial Intelligence

A CS Unplugged Activity

Is it Intelligent? Can it think?

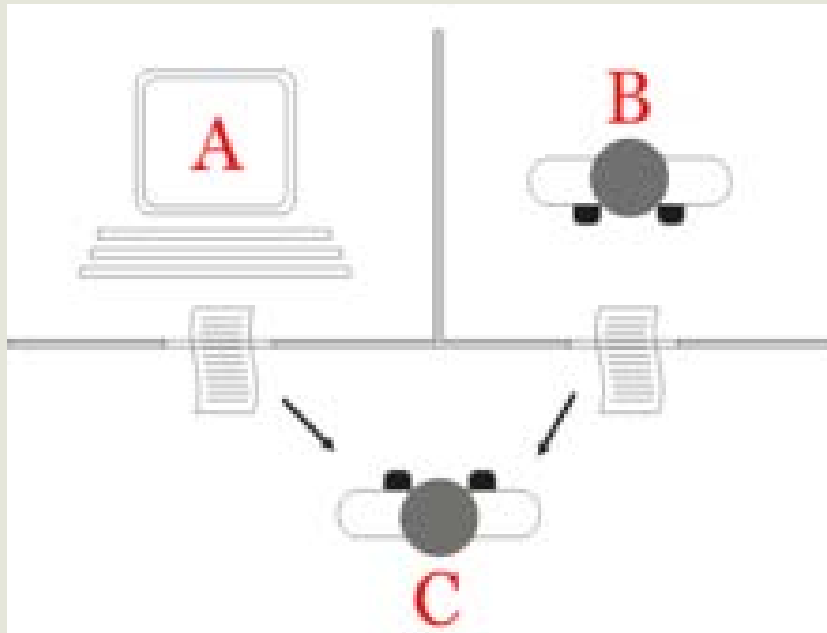


# Alan Turing

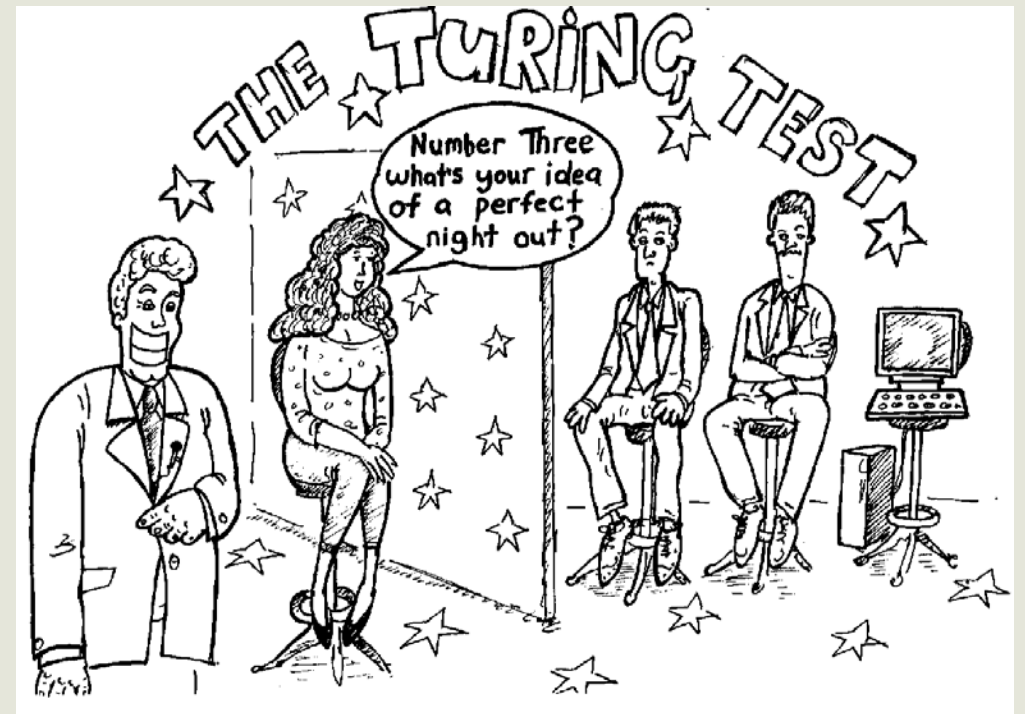


- Alan was a British code-breaker during World War II
- He helped decode German messages during the war
- He was a mathematical genius
- The Turing Test is named after him

# Turing Test: An Imitation Game



Which one is the real person, A or B?  
Which one is the computer, A or B?  
If C guesses incorrectly, the machine has passed the *Turing Test*!



In modern times, "bots" try to act like humans.

# Let's Practice

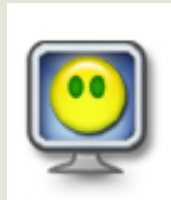
- How do you think the computer would respond to the following questions if it was *trying* to impersonate a human?
  - What is the capitol of Peru?
  - Do you like dancing?

# Turing Test

- I need 3 volunteers
  - One person will act as our computer,
  - One person will act as a human,
  - One person will act as a go-between



To your stations!



List  
Of  
Questions



# Turing Test Questions (Question 1)

▪ ***Pick one question from this slide!***

1. What is the name of Bart Simpson's baby sister?
2. What do you think of Harry Potter?
3. Are you a computer?
4. What is the next number in the sequence 3, 6, 9, 12, 15?
5. What do you think of nuclear weapons?



## Turing Test Questions (Question 2)

▪ ***Pick one question from this slide!***

1. What's the capital of Peru?
2. Do you like school?
3. Do you like dancing?
4. What day is it today?
5. What time is it?

## Turing Test Questions (Question 3)

▪ ***Pick one question from this slide!***

1. Which month is different in a leap year?
2. How many days are there in a week?
3. For which country is the flag a red circle on a white background?
4. Do you like to read books?
5. What food do you like to eat?

# Who was who?

