

# Exercises

- ▶ What problem did Tim Berners-Lee think he could solve using the Web?
  - ▶ Sharing information between researchers at CERN
- ▶ What is the difference between a firewall and proxy?
  - ▶ Firewall: prevents unauthorised access to a network
  - ▶ Proxy: intercepts and processes requests from clients and servers
- ▶ Name two ways that bias could be introduced into search results
  - ▶ Any of: DMCA requests, filtering illegal content, filter bubbles, right to be forgotten

# Exercises

Which of the following statements is FALSE?

- a) Google search results return the same information to anyone who enters the same keywords
- b) Personalised search results can help people to find relevant information.
- c) Search engines are gathering vast amounts of information about our searches and ourselves which is used for advertising purposes.
- d) A filter bubble risks isolating people within their own bubble of information.
- e) Search history can be used to identify individuals, even when searching anonymously.

# Exercises

Given the URL:

<https://www.cs.auckland.ac.nz/~andrew/teaching.html>

which of the following statements is FALSE?

- a) `teaching.html` is the resource.
- b) `~andrew` is the path on the server.
- c) `www.cs.auckland.ac.nz` is the domain.
- d) URL stands for Uniform Resource Locator.
- e) `https` stands for hypertext transfer protocol standard.