

# Quizlet 8 version A (5 minutes)

15-110 F24 11/25

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These questions do not use concepts beyond week 9.

**Fill In The Blank:** In each of the following sentences, **clearly** fill in the blanks with the **letter** corresponding to the best term from the list below. Some terms will not be used. No terms will be used more than once.

1. We can write \_\_A\_ functions to break large programs into smaller tasks.
2. To communicate with a server, our browser must know the server's \_\_L\_ address. The browser looks up this address by contacting a \_\_B\_ server, which acts like a phone book.
3. A \_\_H\_ is data that confirms that a server owns the website it's claiming to be.
4. In asymmetric encryption, the \_\_J\_ key is used for encoding and is accessible to anyone, while the \_\_K\_ key is used for decoding and is kept hidden safely away.
5. In a \_\_G\_ attack, adversaries send a huge amount of data to a server within a short period of time. Each small piece of data is known as a \_\_D\_.

**Clearly** fill in each blank above with the one letter corresponding to the correct term below:

- |           |              |               |                |
|-----------|--------------|---------------|----------------|
| A. helper | B. DNS       | C. bottleneck | D. packet      |
| E. Caesar | F. symmetric | G. DDOS       | H. certificate |
| I. fault  | J. public    | K. private    | L. IP          |

**Multiple Choice:** Imagine an efficient MapReduce task to compute *how many unique words* in a collection of files contain double letters (e.g., "ll" in "hello", or "oo" in "book"). Which of the following would best describe a good **mapper output**. Select only one.

- One of the original files
- A list of unique words from a single file which contain double letters
- The number of unique double-letter words in a single file as an integer
- The total number of unique double-letter words in all files
- A single key-value pair describing the frequency of one word with double letters

**Turn your quizlet face-down when you are done!**