**Actividad 8: incrustar información en plataforma.**

**TITLE: Reading comprehension**

**Based on the following text, answer the questions below:**

# **Top 50 Data Structure and Algorithms Interview Questions for Programmers**

There are a lot of computer science graduates and programmers applying for programming, coding, and software development roles at startups like Uber and Netflix; big organizations like [Amazon](https://javarevisited.blogspot.com/2016/01/top-20-amazon-and-google-programming-interview-questions.html), [Microsoft](https://javarevisited.blogspot.com/2015/12/30-microsoft-interview-questions-for-software-development-engineers.html), and [Google](https://javarevisited.blogspot.com/2012/01/google-interview-questions-answers-top.html); and service-based companies like Infosys or Luxsoft, but many of them have no idea of **what kind of programming interview questions to expect** when you’re applying for a job with these companies.

Coding interviews are comprised mainly of [data structure and algorithm-based questions](http://www.java67.com/2018/06/data-structure-and-algorithm-interview-questions-programmers.html) as well as some of the logical questions such as, How do you swap two integers without using a temporary variable? I think it’s helpful to divide coding interview questions into different topic areas. The topic areas I’ve seen most often in interviews are array, linked list, string, binary tree, as well as questions from algorithms.

Tomado de: <https://medium.com/javarevisited/50-data-structure-and-algorithms-interview-questions-for-programmers-b4b1ac61f5b0>

Questions:

1. **There are few computer science graduates who apply for programming, coding, and software development roles.**
2. True
3. False
4. **Amazon, Microsoft, and Google are considered as startups.**
5. True
6. False
7. **The coding interviews include:**
8. Logical questions and data processing
9. Algorithm- based questions and illogical questions
10. Logical questions as well as data structure and algorithm- based questions.
11. **Based on the author, it is unfavorable to divide the coding interview questions into different topic areas.**
12. True
13. False
14. **Does the author only mention the string and the binary tree as the topics of a coding interview?**
15. Yes, he does
16. No, he doesn’t

**Answers:**

1. **b**
2. **b**
3. **c**
4. **b**
5. **b**