Hello

The purpose of this email is to help you prepare for the online assessment that Amazon is going to send you. Please review the following information.

You may want to visit [www.codechef.com](http://www.codechef.com/) or <https://leetcode.com/> or similar websites to brush up on problem solving and core CS fundamentals beforehand as these are the types of questions you can expect. The coding test itself is 90 minutes, with 15 minutes for a multiple choice question and a brief survey afterward. You cannot stop a section once you’ve begun, so I encourage you to be in a quiet spot ahead of time where you can focus without distraction. The coding portion of the assessment consists of 2 coding problems. The first question is set at a moderate level and the second is more difficult. If you get stuck on one of the questions you can go back and forth toggling through both coding questions. Please manage your time wisely when doing both questions.

A few things to note:

- You can use any of the following languages you’re comfortable with: C#, C, C++, Java, Python, Ruby, or JavaScript.

- We are interested in your demonstration of problem solving, writing correct code, applying patterns/data structures, and optimizing for algorithmic performance on the tests. It’s best to mentally prepare for this.

- Some candidates have reported that the online interface is not very intuitive and getting code fully compiling may be challenging. If you feel like your solution is mostly correct but you are facing some final compile issues, do not worry. Attempt to solve both of the challenges to the best of your ability. We will be reading the code ourselves looking the above-mentioned strengths even if it does not compile.

I have included the DEMO link for the Amazon assessment for your review. Please do not confuse this with the actual link for the assessment. The purpose of the DEMO link is to get familiar with the tool before taking the actual assessment.

**DEMO Link:** <https://www.myamcat.com/amazon-lateral-demo>

More helpful material:

**Cracking the Coding Interview**

<http://www.amazon.com/Cracking-Coding-Interview-Programming-Questions/dp/098478280X>

The Author of the book has some awesome free short videos via YouTube as well.

<https://www.youtube.com/results?search_query=gayle+Laakmann>

Algorithm Fundamentals: **Analysis Algorithms**

<http://algs4.cs.princeton.edu/10fundamentals/>