# IDR C# developer interview

Thank you for choosing to interview at IDR. This is a live coding test. The idea is not to make you nervous, but to see how you approach solving problems under pressure.

In this test you need to complete three tasks in the form of unit tests.

# Prerequisites

* Visual Studio Community edition is installed on your machine
* .Net Core 5 is installed on your machine
* Nunit is installed on your machine

# The project structure

There are 2 projects in the solution.

1. Utilities.csproj
2. UtilitiesTest.csproj

# Your objective

Complete all of the tests in the allocated time: 1 hour.

# Instructions

If you open each test file (CalculatorTest.cs, NumberCounterTest.cs, NumberOrdinalTest.cs), you will find a test harness that you need to make functional and get the tests passing.

If you expand the Utilities project, you’ll see 3 interfaces matching to each of the Test classes. Your job is to implement these interfaces in order to get the unit tests passing. It is your choice where you want to create the implementations, in the Utilities project, or directly within the test file.

# Terms and Conditions

You are allowed to Google. Do not google for the solution to the question – that’s no fun.

If you decide to do an internet search, show your searches in the main screen that you are sharing

Ask if you need clarification.

## Good luck!