



Interview Task One

Write a C# class to execute a number of pieces of work (actions) in the background (i.e. without blocking the program's execution).

- The actions must be executed sequentially – one at a time
- The actions must be executed in the order that they were added to the class
- The actions are not necessarily added all at the same time
- The actions are not necessarily all executed on the same thread

Interview Task Two

The technologies we require you to use are C# and WPF.

Create a web API with endpoints to add and edit contacts. This should be exposed via a RESTful API.

Create a desktop WPF application utilises this web API that allows you to add and edit contacts. You should also be able to search and select a contact from a contact list by name.

The contacts must be allowed to have:

- First name - Required field
 - Last name - Required field
 - Date of birth
 - List of emails
 - List of phone numbers
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- You can use your preferred host for your GIT repo providing we can access and run the solution.
 - Include any tests you have done in your solution.
 - The code must be runnable have unit test cases (TTD/BDD) and must pass.