

Quiz 07 — Interfaces

C# Programming

This is a timed test. You have thirty minutes to complete the test. When you finish the test, upload your `Program.cs` to Canvas. Do not publish your answer to your `git` repository.

Create an *interface* `IFirearm` with one method declaration, a void method that prints a message to console. Then instantiate three objects, a `Shotgun` instance, a `Rifle` instance, and a `Pistol` instance that implement the interface. **Note:** You are creating objects of type `IFirearm` by using the three classes that implement the interface. In your main program, instantiate objects, all of type `IFirearm`. Use the three types `Shotgun`, `Rifle`, and `Pistol` to create the three instances. *Put your Program class and your other classes in the same file.* In other words, use the same template we used before except substitute the interface for the class.

Here is the expected output.

```
This is C Sharp quiz 7
I am a shotgun and I go Boom
I am a rifle and I go Bang
I am a pistol and I go Pop
Press any key to continue . . .
```