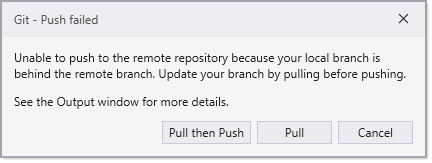
1. Create a new Visual Studio solution using the blank template option under C:\OED\Dotnetland\VS2019\LearnGit
2. Create the following solution folders
   1. Class projects
      1. Add a new C# .NET Core class project
   2. Unit test projects
      1. Add a new C# .NET Core test project
3. Under Class projects, in the class project created above
   1. Add a new folder named Interfaces
      1. Add a new Interface named IBase
      2. Add the code below after the namespace, between the Bob Hope brackets
   2. Add a new folder named Classes
      1. Add a new class named Person
      2. Add the code below after the namespace, between the Bob Hope brackets
         1. You will need to add a using statement to the Interface namespace
4. Login to your personal GitHub account
   1. Create a new repository, name it learn-git
   2. Copy the url from your browser’s address bar into notepad
5. In Visual Studio, from the menu select Git then Create Git Repository
   1. Click Existing repository
   2. Make sure Local path is under C:\OED\Dotnetland\VS2019\LearnGit
   3. From notepad, paste in the url into Rempte URL
   4. Click Create and Push
   5. Under the GitHub page
      1. Next to About, click the gear, enter a short description
      2. Save changes
      3. There is a button Add readme, click it
      4. Add some text
      5. Click commit new file
6. In Visual Studio
   1. Open IBase
   2. Add /// above Id property, add this is the primary ke
   3. Save the file
   4. Click on Git Changes window
   5. Enter a commet
   6. Click Commit all and push
   7. The following appears (because of the readme file created online)  
      
   8. Click Pull then Push
   9. Open Solution Explorer, note that even though the readme file was added it’s not seen.
   10. In Solution Explorer, right click, Add, Existing item
   11. Add readme.md, Visual Studio places it under a virtual folder named Solution items.
7. Open another Visual Studio
   1. Click on Git menu, Clone repository
   2. Enter the url from notepad into Repository Location
   3. Enter a path with the original path above with Clone on the end e.g.   
      C:\OED\Dotnetland\VS2019\LearnGitClone
   4. Click Clone
   5. Under the file menu click Open, Project/Solution
   6. Enter C:\OED\Dotnetland\VS2019\LearnGitClone
   7. Click on LearnGit.sln, click Open
8. Go back to the first opened Visual Studio.
   1. Append text to the summary for Id property of IBase
   2. In Git Changes, add comment, click Commit all and Push
9. Go back to the second opened Visual Studio
   1. Click Fetch in Git Changes
   2. Click Git, view history, there is one incoming change
   3. Right click on the line, view commit details. Since this is just a comment
   4. Go back to the History window and click pull
   5. Open IBase and note the pull was successful
10. Has anyone noticed two readme.md files under solution items? We will get to that later

https://github.com/karenpayneoregon/learn-git

**IBase interface**

public interface IBase

{

    public int Id { get; }

}

**Person class**

Replace BaseNetCoreClassProject1 with your project namespace

using BaseNetCoreClassProject1.Interfaces;

namespace BaseNetCoreClassProject1.Classes

{

    public class Person : IBase

    {

        public int Identifier { get; set; }

        public int Id => Identifier;

        public string FirstName { get; set; }

        public string LastName { get; set; }

        public override string ToString() => $"{Id,-5}{FirstName} {LastName}";

    }

}