

Assignments for homework

1. Create a Team Project that uses GIT and Scrum template
2. Create a hierarchy of Epic – Features – PBIs – Tasks for a case that you can decide
3. Clone the repository on your machine.
4. Add a VSTO Add-in project in the repository
5. Use the operations Commit – Push
6. Create a local branch called Feature1. Make some changes in the code. Commit and Push that.
7. Create a pull request and approve that. Complete the PR to merge the Feature1 branch in the master.
8. Pull the master to update it in local repository.
9. Create a build pipeline for the Solution. Use Desktop App template.
10. In the Pipelines – Library create a secure file. Upload your .pfx file.
11. Add a task to download secure file before the Solution build task.
12. Add a task of PowerShell with inline script as:

```
$pfxpath = $env:DOWNLOADSECUREFILE_SECUREFILEPATH
```

```
$password = '${certPassword}'
```

```
Add-Type -AssemblyName System.Security
```

```
$cert = New-Object
```

```
System.Security.Cryptography.X509Certificates.X509Certificate2
```

```
$cert.Import($pfxpath, $password,
```

```
[System.Security.Cryptography.X509Certificates.X509KeyStorageFlags]"PersistKeySet")
```

```
$store = new-object
```

```
system.security.cryptography.X509Certificates.X509Store -argumentlist
```

```
"MY", CurrentUser
```

```
$store.Open([System.Security.Cryptography.X509Certificates.OpenFlags]"ReadWrite")
```

```
$store.Add($cert)
```

```
$store.Close()
```

13. In the solution build for msbuild argument enter following arguments:

```
/target:publish /p:PublishDir="$(build.artifactstagingdirectory)"  
/p:PublishUrl="$(build.artifactstagingdirectory)"  
/p:ApplicationVersion=1.0.1.1
```

14. Save and run the build. Note the summary output.