

## Download the Microsoft Build of OpenJDK

<https://docs.microsoft.com/en-us/java/openjdk/download>

## Windows

The simplest way to install Jenkins on Windows is to use the Jenkins Windows installer. That program will install Jenkins as a service using a 64-bit JVM chosen by the user. Keep in mind that to run Jenkins as a service, the account that runs Jenkins must have permission to login as a service.

### Prerequisites

Minimum hardware requirements:

- 256 MB of RAM
- 1 GB of drive space (although 10 GB is a recommended minimum if running Jenkins as a Docker container)

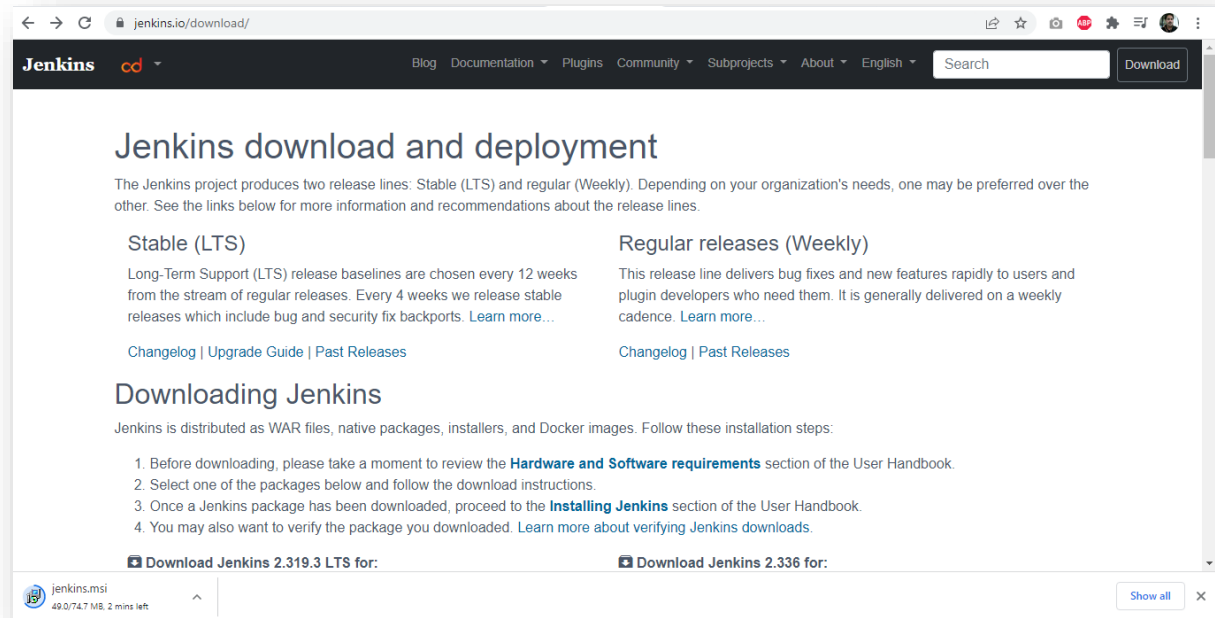
Recommended hardware configuration for a small team:

- 4 GB+ of RAM
- 50 GB+ of drive space



# Jenkins download and deployment

<https://www.jenkins.io/download/>



<https://www.blazemeter.com/blog/how-to-install-jenkins-on-windows>

## Installing Jenkins Windows

<https://www.jenkins.io/doc/book/installing/windows/#:~:text=To%20run%20Jenkins%20service%20using,credentials%20and%20click%20on%20Next.>

<https://www.jenkins.io/doc/book/installing/windows/#invalid-service-login-credentials>

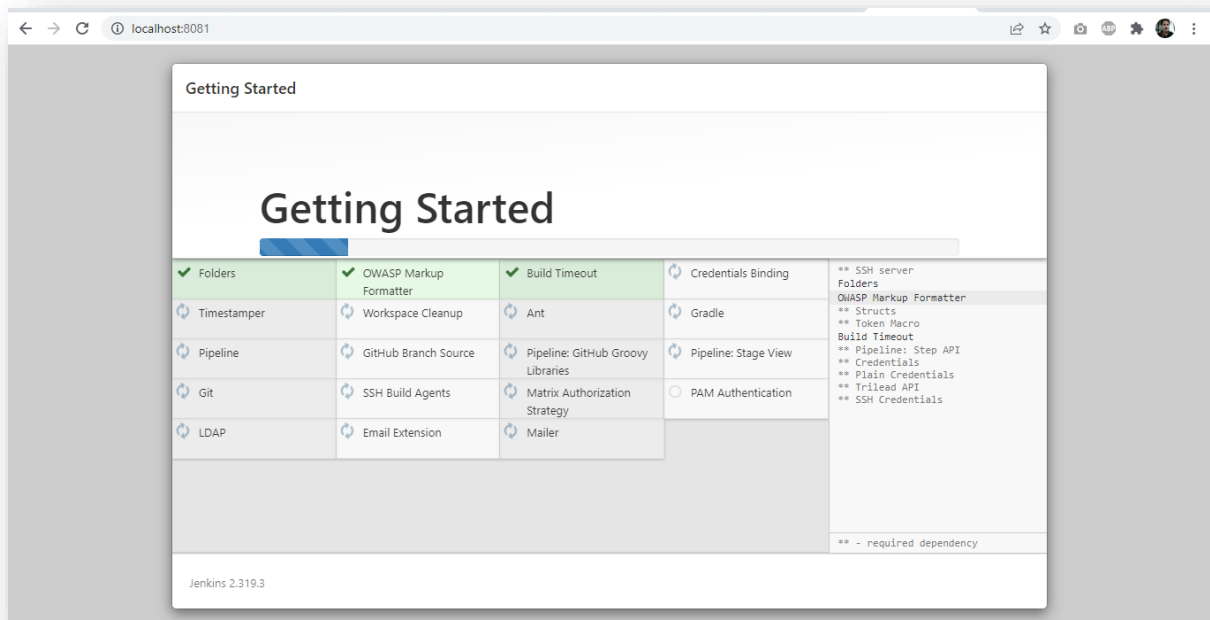
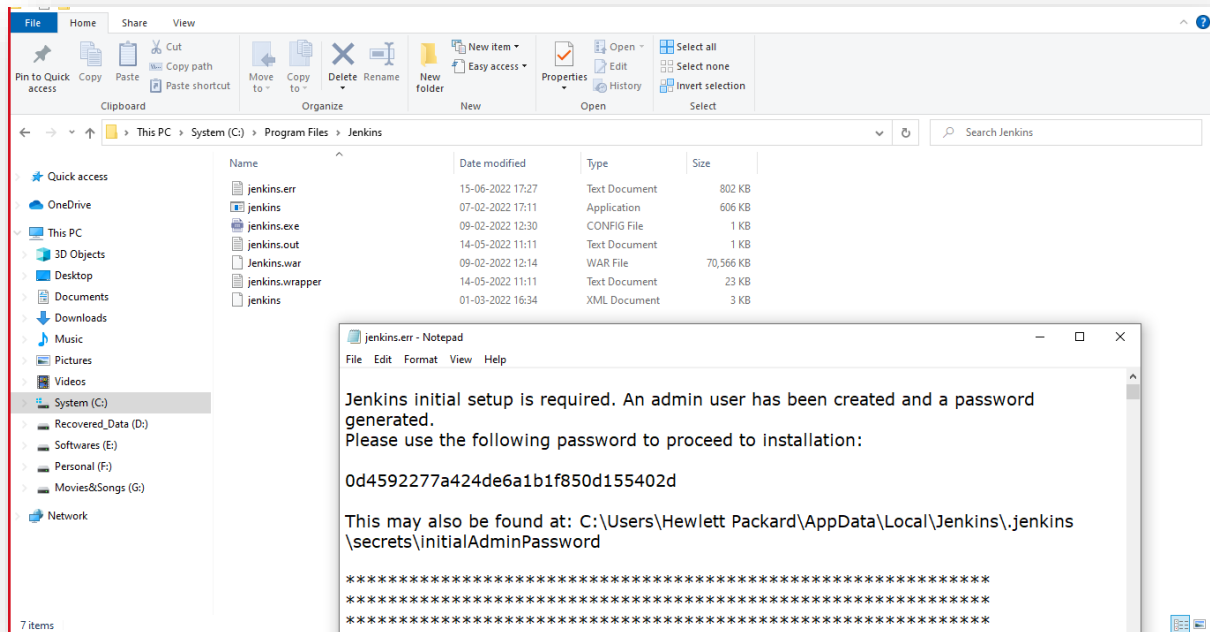
## For Admin Password

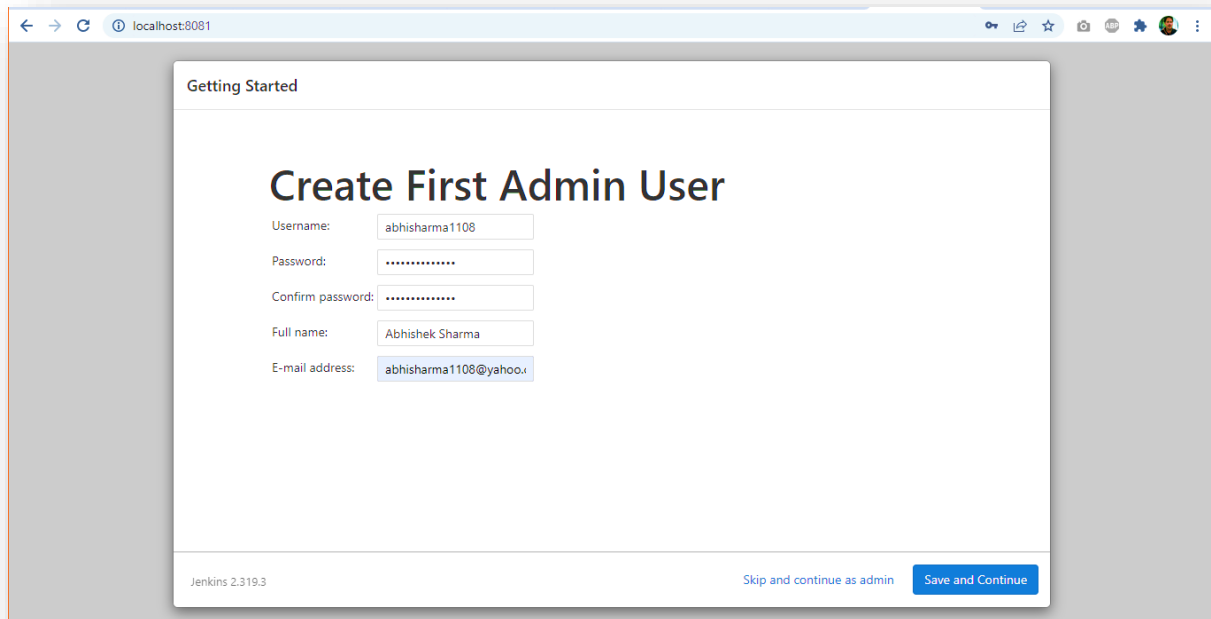
C:\Program

Files(x86)\Jenkins\secrets\initialAdminPassword

Default username is '**admin**' and the password is the one from initialAdminPassword when you follow the above path.

Or C:\Program Files\Jenkins



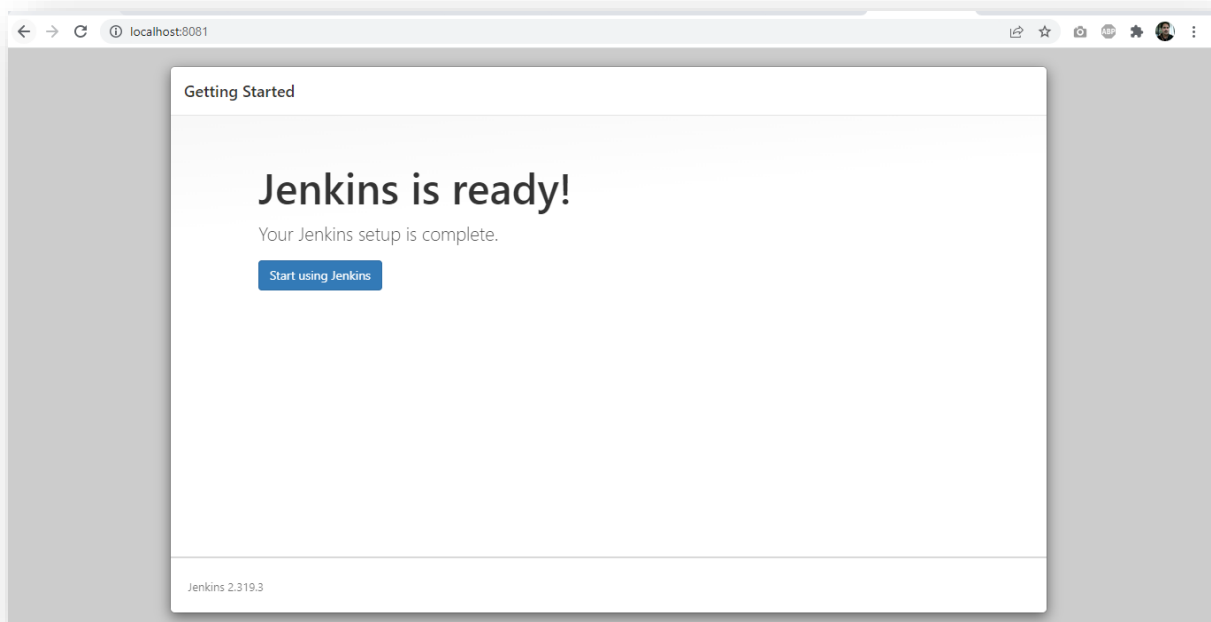


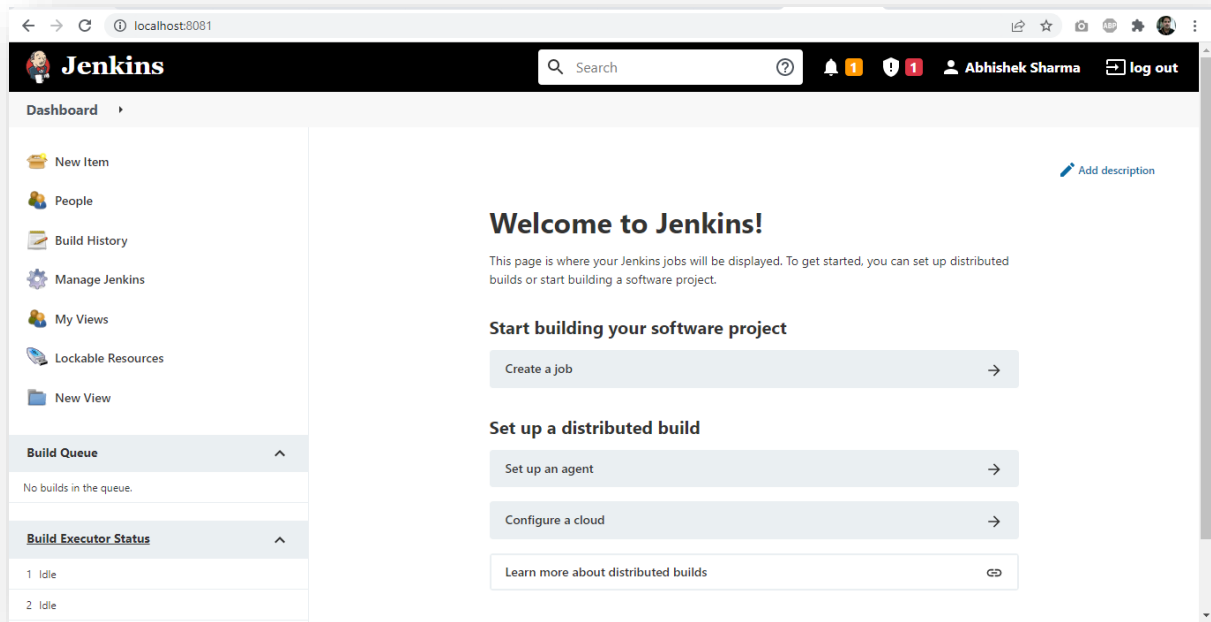
The screenshot shows the Jenkins 'Getting Started' page in a web browser at localhost:8081. The page title is 'Getting Started' and the main heading is 'Create First Admin User'. The form contains the following fields and values:

Field	Value
Username:	abhisharma1108
Password:	.....
Confirm password:	.....
Full name:	Abhishek Sharma
E-mail address:	abhisharma1108@yahoo.x

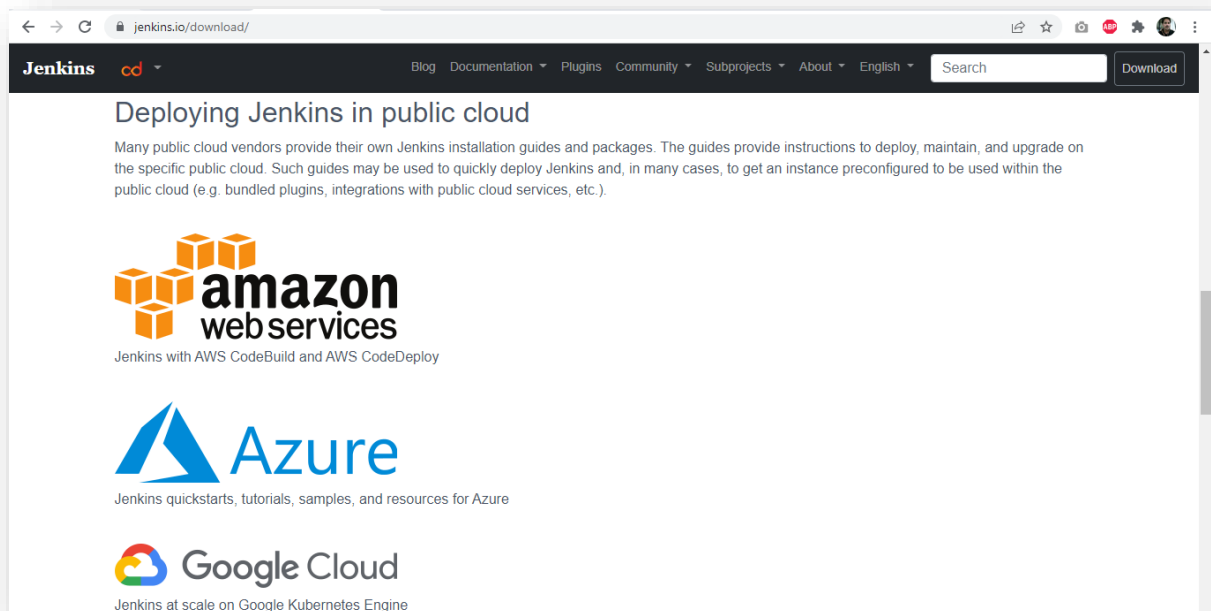
At the bottom of the form, there is a 'Save and Continue' button. The footer of the page indicates 'Jenkins 2.319.3' and a link to 'Skip and continue as admin'.

<http://localhost:8081/>

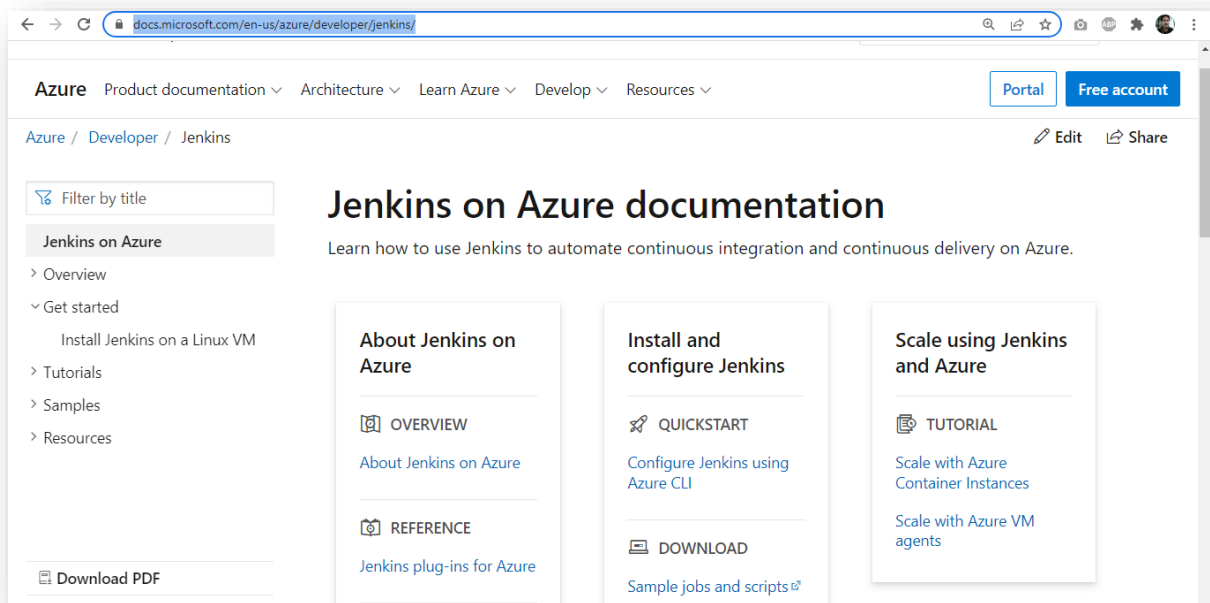




<https://www.jenkins.io/download/>

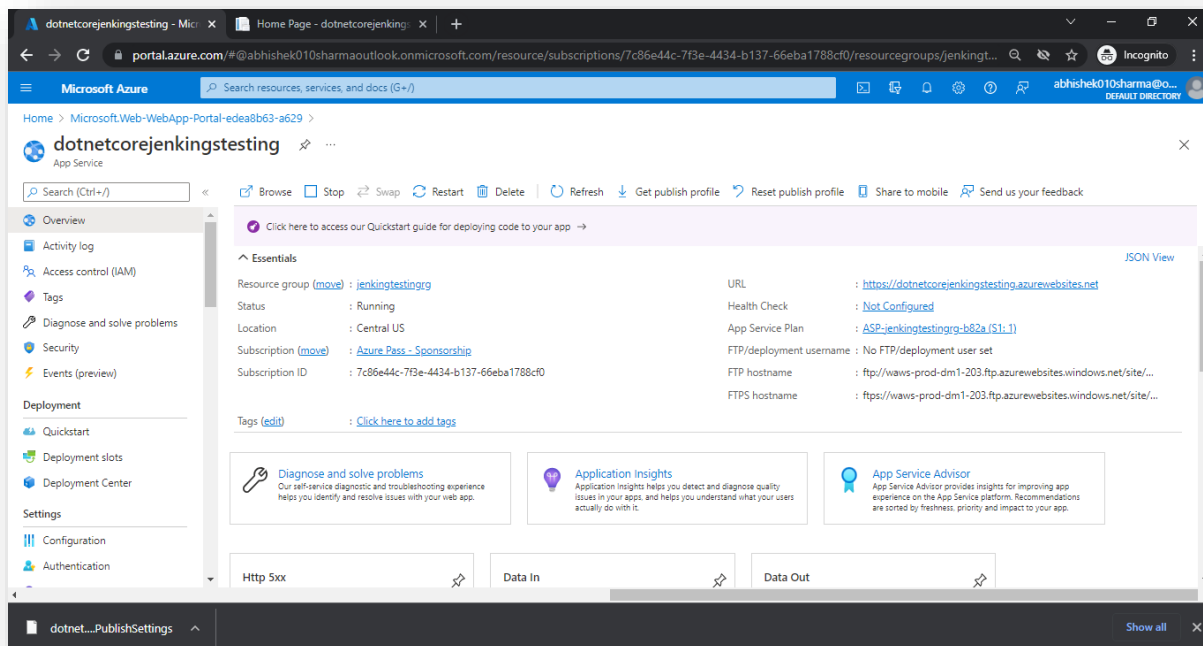


<https://docs.microsoft.com/en-us/azure/developer/jenkins/>



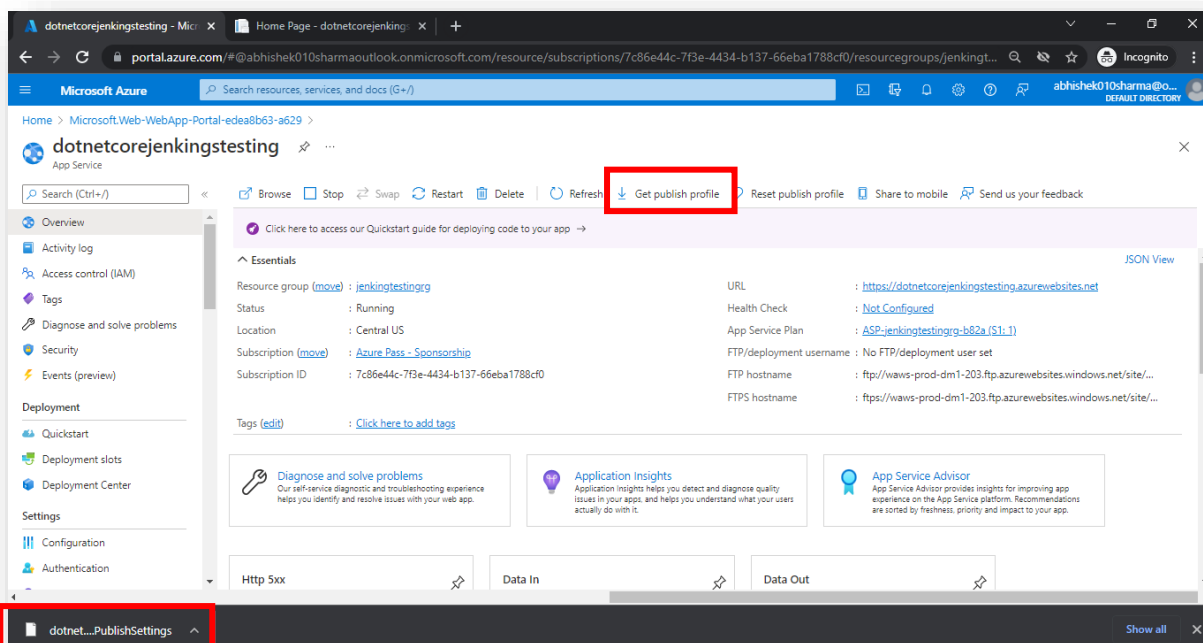
## Step 1:

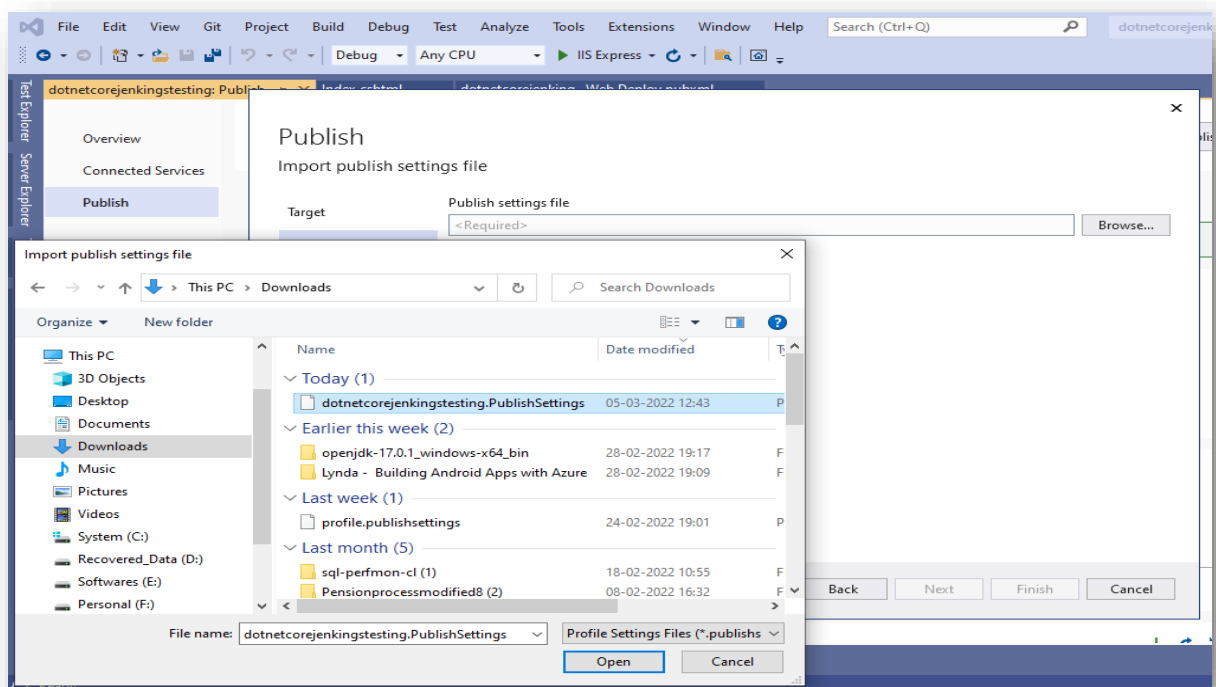
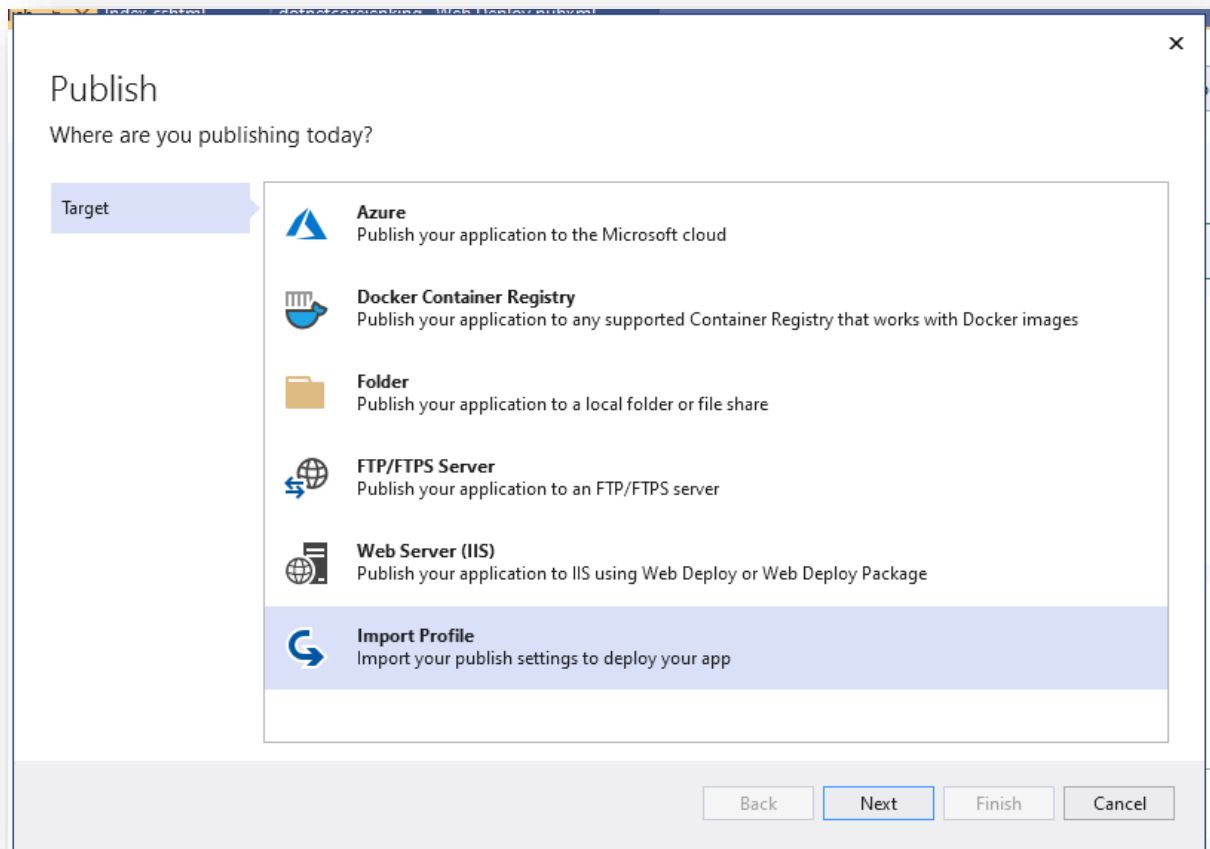
Create web app on Azure **App Service**



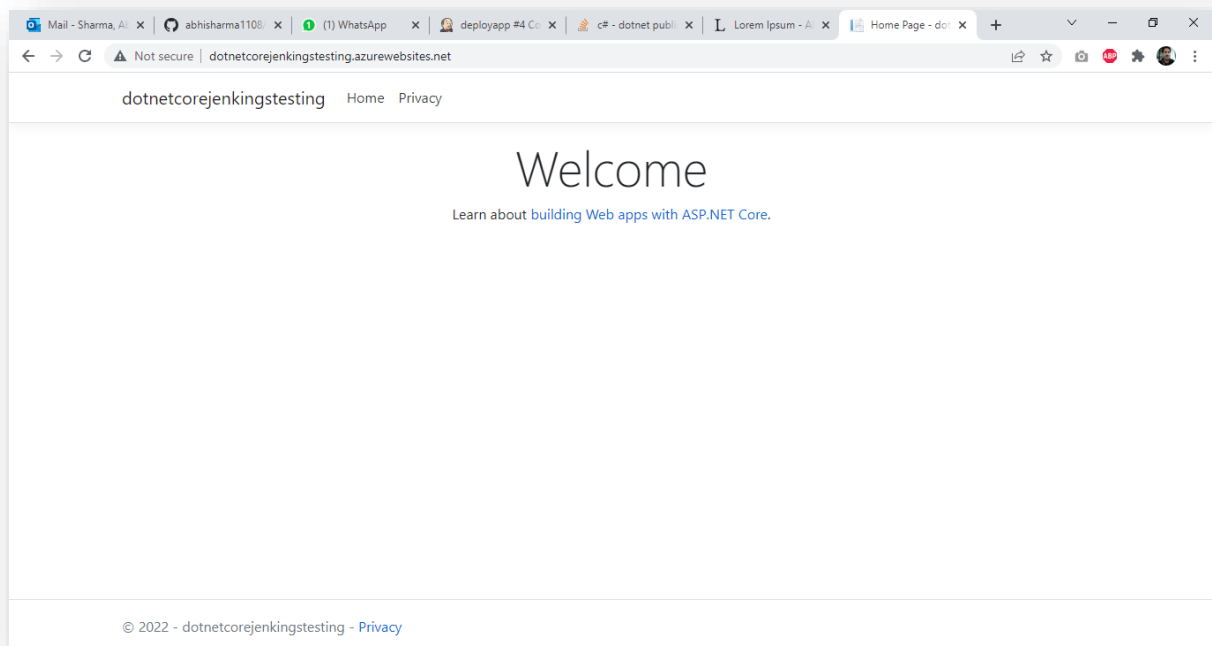
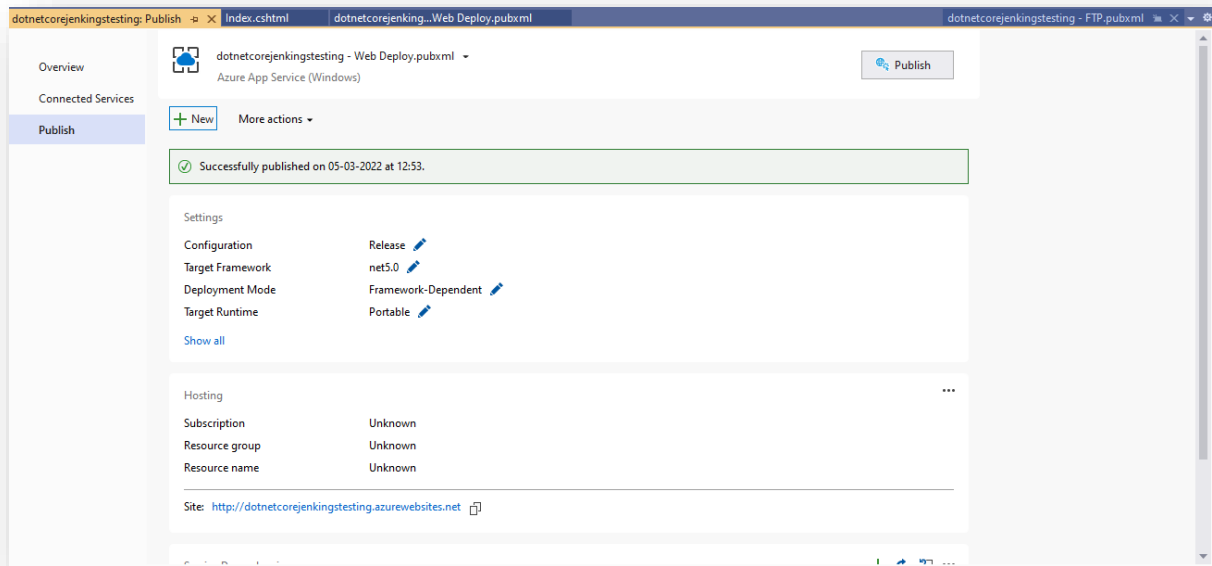
## Step 2:

**Download Azure publish profile.**

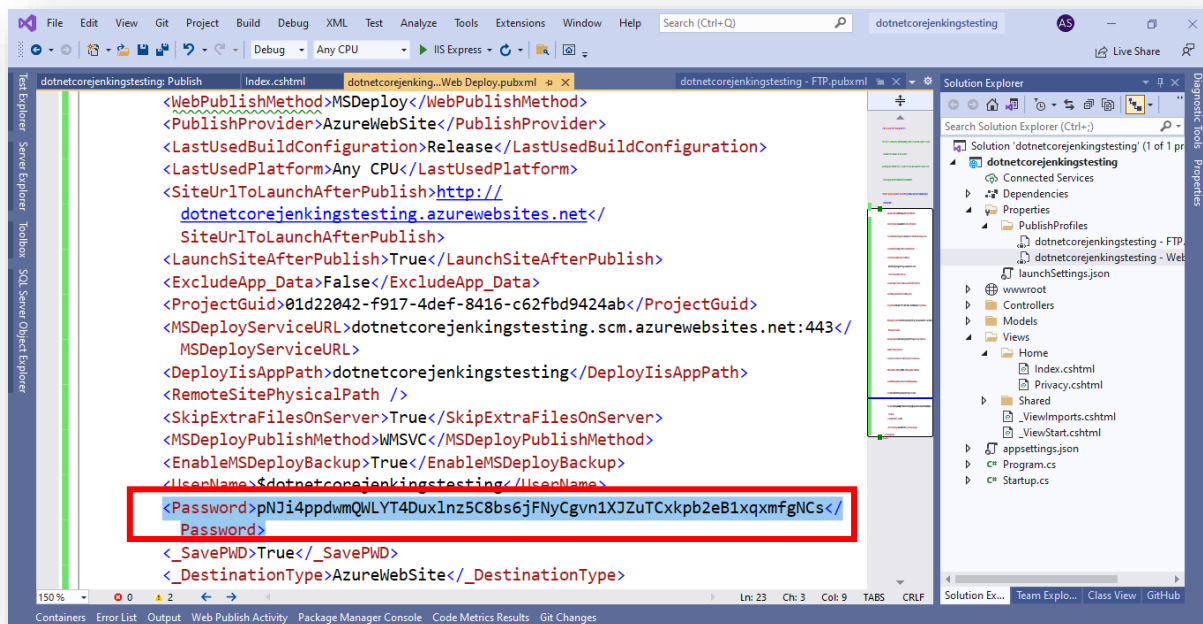


**Step 3:** Publish your project using downloaded publish profile.

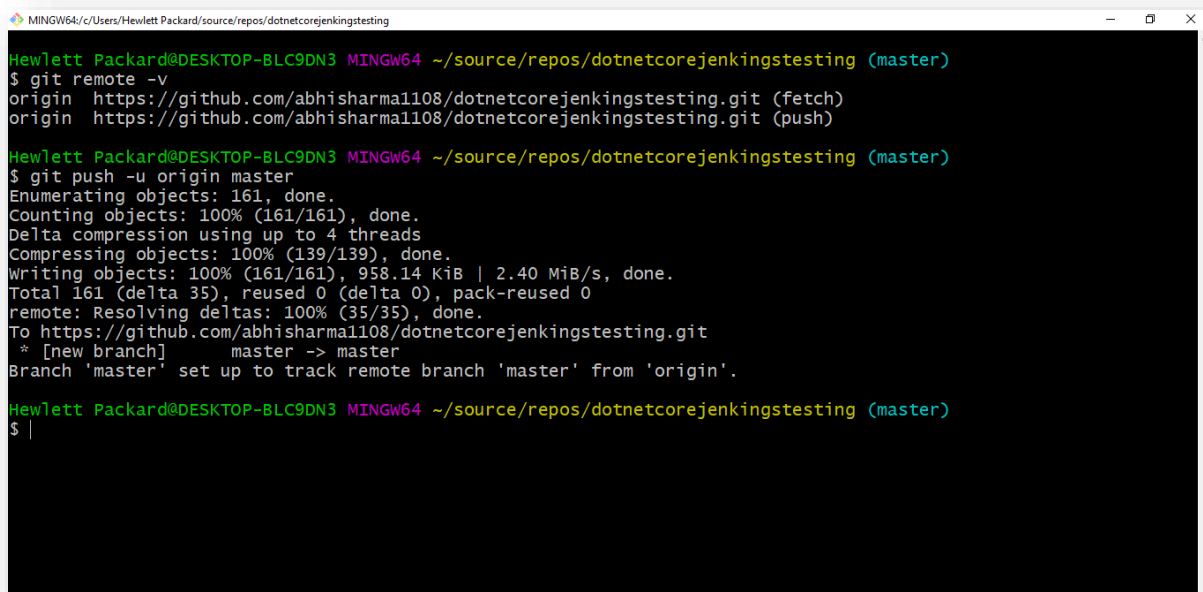


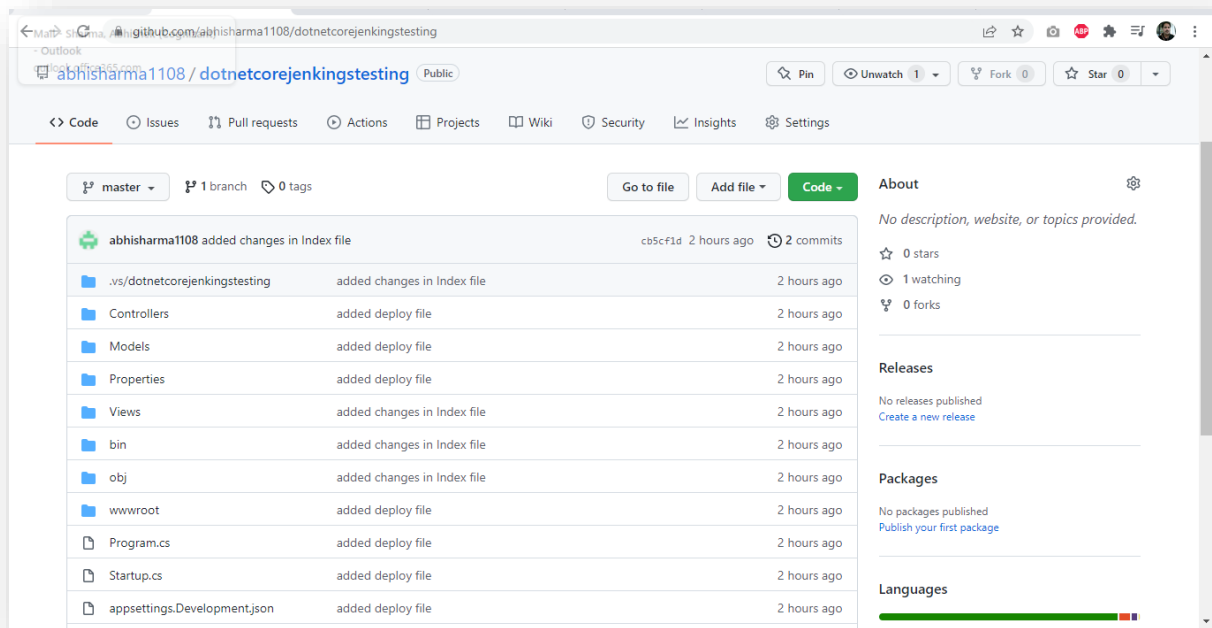


Now Add password tag in deployment file. Copy the password from



## Step 4: Push file in GitHub Repository.



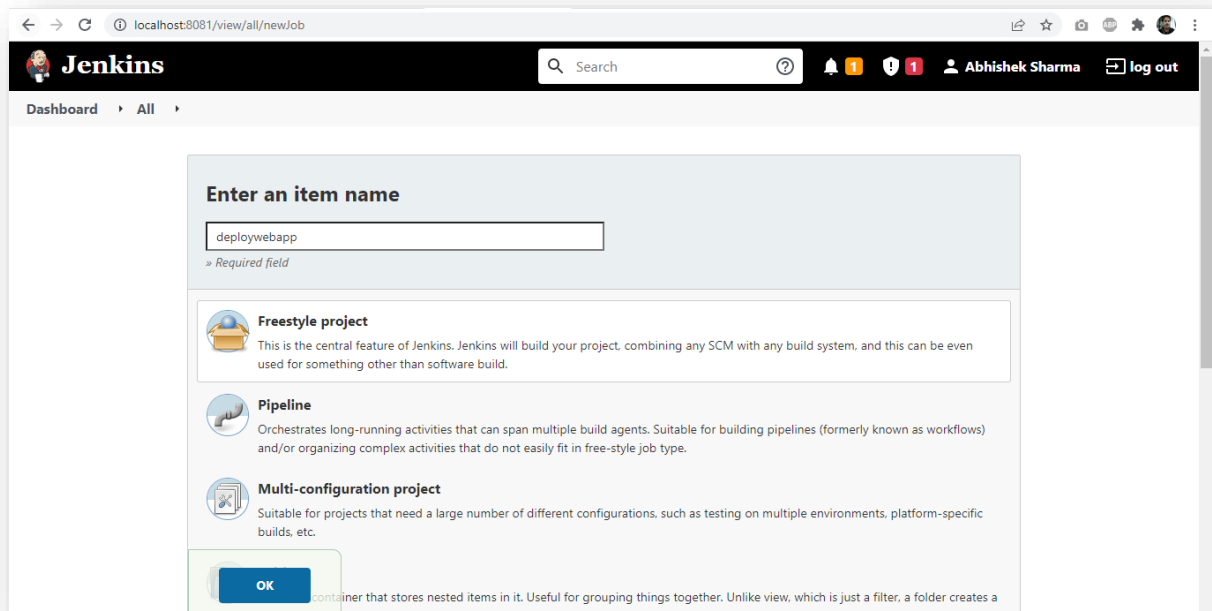


## Step 5:

### Create Jenkins job for deployment Manual Deployment

Note: for full configuration see **My Jenkins configuration**

Publish Command



**Publish Command**

```
dotnet publish dotnetcorejenkingtesting.csproj  
/p:PublishProfile="dotnetcorejenkingtesting - Web Deploy"  
/p:Configuration=Release
```

```
MINGW64/c/Users/Hewlett Packard/source/repos/dotnetcorejenkingtesting
Enumerating objects: 161, done.
Counting objects: 100% (161/161), done.
Delta compression using up to 4 threads
Compressing objects: 100% (139/139), done.
Writing objects: 100% (161/161), 958.14 KiB | 2.40 MiB/s, done.
Total 161 (delta 35), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (35/35), done.
To https://github.com/abhisharma1108/dotnetcorejenkingtesting.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

Hewlett Packard@DESKTOP-BLC9DN3 MINGW64 ~/source/repos/dotnetcorejenkingtesting (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   .vs/dotnetcorejenkingtesting/v16/.suo
    modified:   Views/Home/Index.cshtml
    modified:   bin/Debug/net5.0/dotnetcorejenkingtesting.Views.dll
    modified:   bin/Debug/net5.0/dotnetcorejenkingtesting.Views.pdb
    modified:   obj/Debug/net5.0/Razor/Views/Home/Index.cshtml.g.cs
    modified:   obj/Debug/net5.0/dotnetcorejenkingtesting.Views.dll
    modified:   obj/Debug/net5.0/dotnetcorejenkingtesting.Views.pdb

no changes added to commit (use "git add" and/or "git commit -a")

Hewlett Packard@DESKTOP-BLC9DN3 MINGW64 ~/source/repos/dotnetcorejenkingtesting (master)
$
```

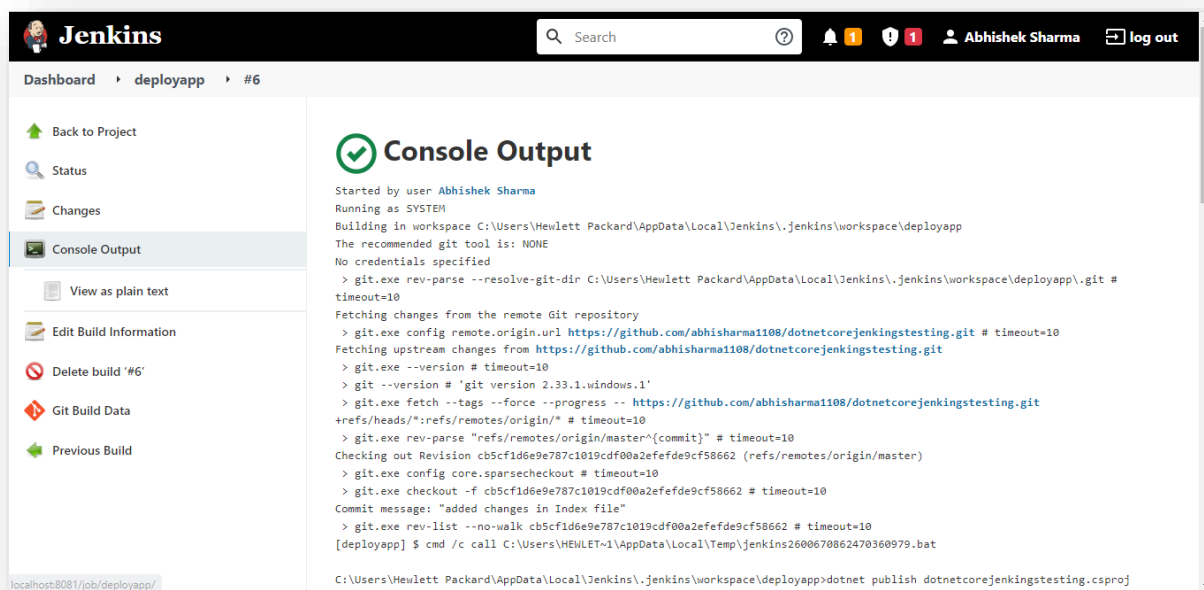
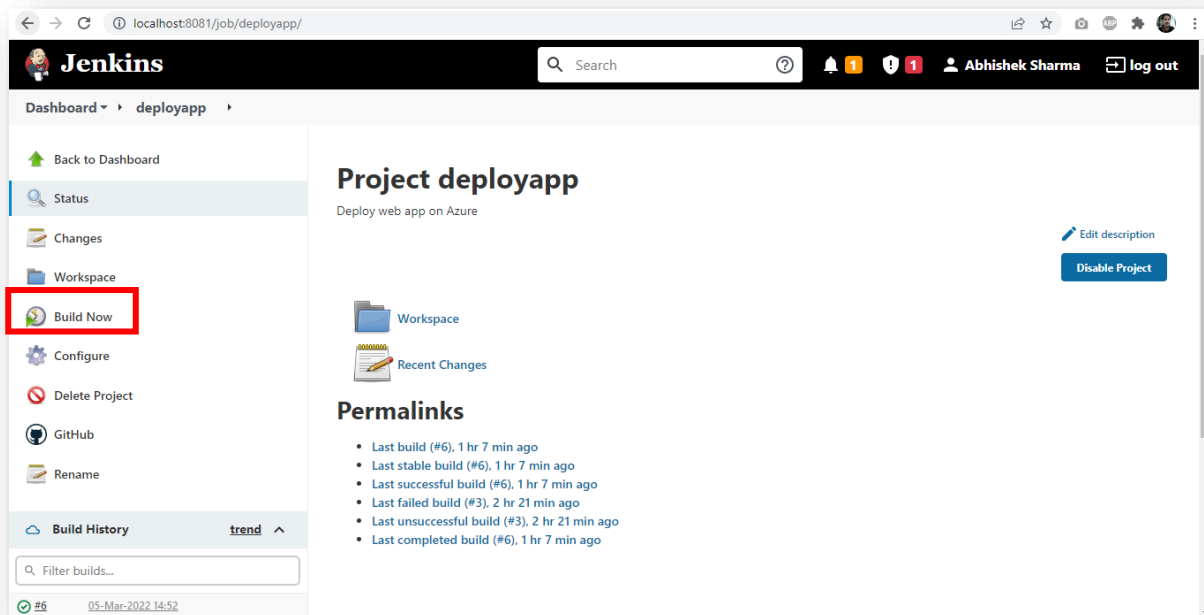
```
Hewlett Packard@DESKTOP-BLC9DN3 MINGW64 ~/source/repos/dotnetcorejenkingtesting (master)
$ git commit -a -m "added changes in Index file"
[master cb5cf1d] added changes in Index file
7 files changed, 22 insertions(+), 5 deletions(-)
rewrite .vs/dotnetcorejenkingtesting/v16/.suo (78%)

Hewlett Packard@DESKTOP-BLC9DN3 MINGW64 ~/source/repos/dotnetcorejenkingtesting (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

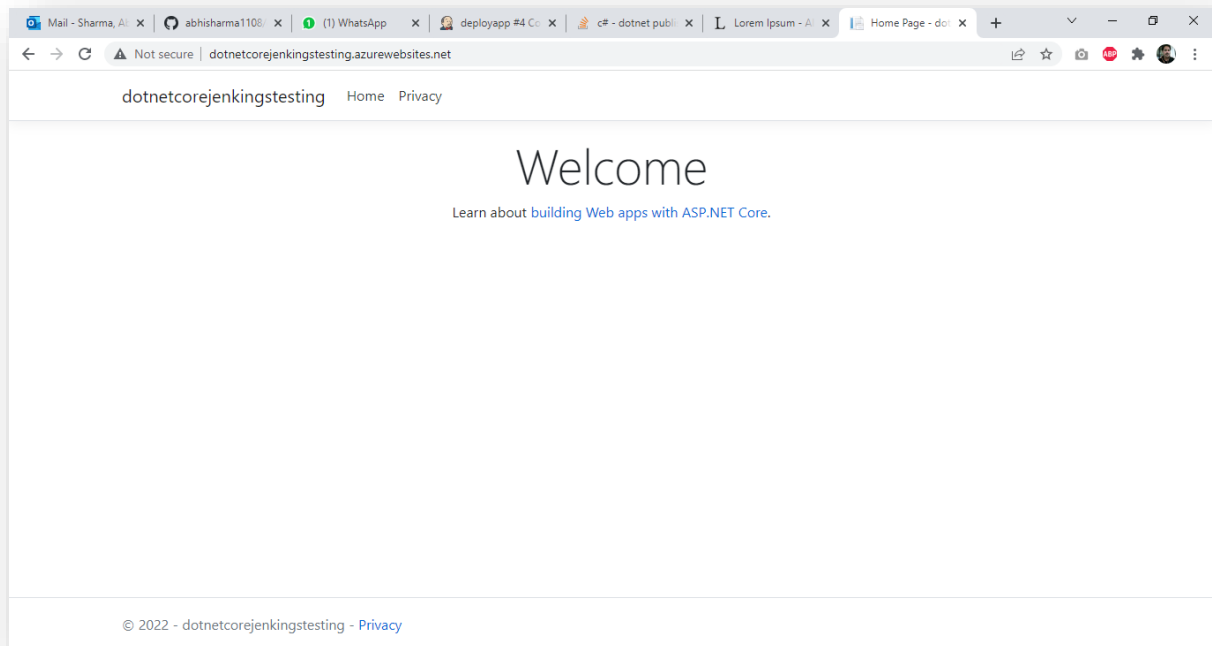
nothing to commit, working tree clean

Hewlett Packard@DESKTOP-BLC9DN3 MINGW64 ~/source/repos/dotnetcorejenkingtesting (master)
$
```

After configuration build Now



## Before Changes



## After Changes

