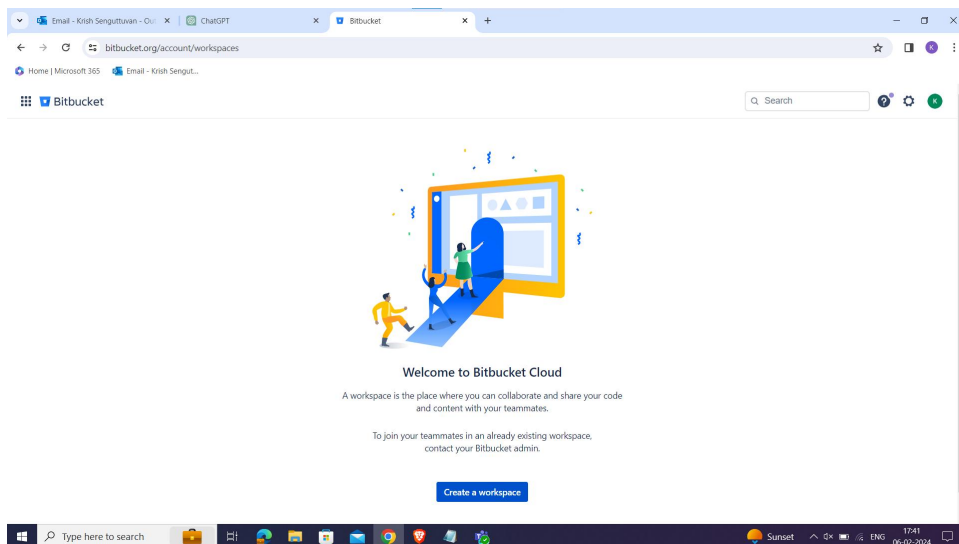


Pushing Code to Bitbucket and Azure Repository

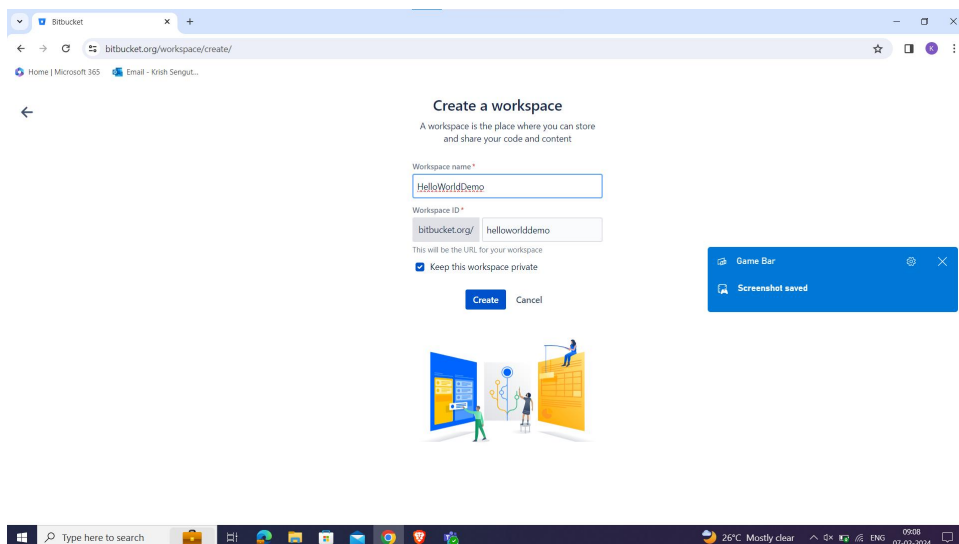
Krishnaraj S

ACE11698

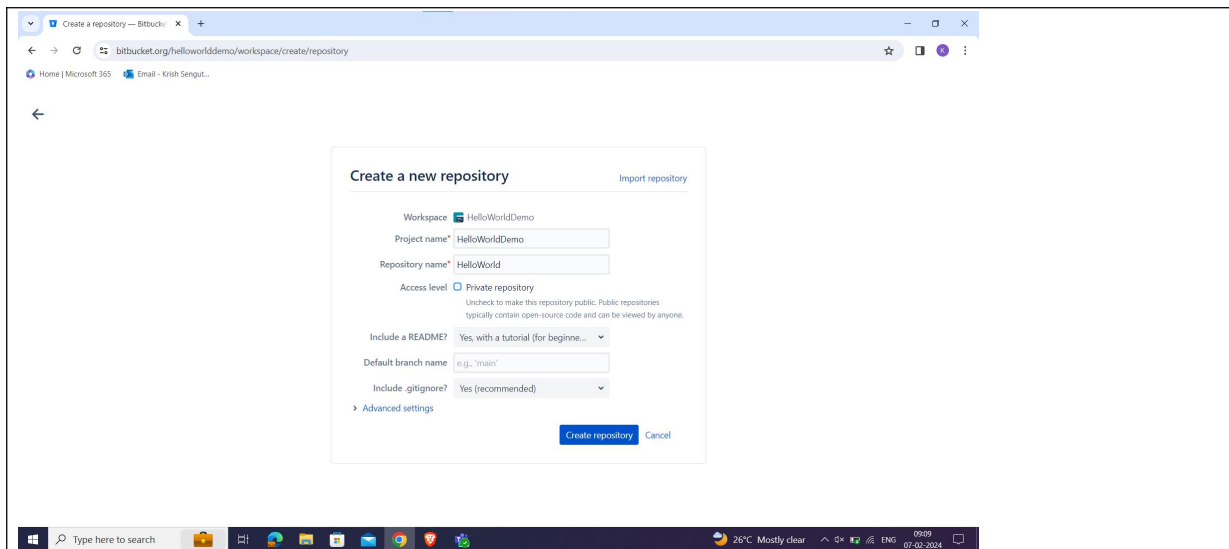
- Create a workspace on your application name to push you application code.



- Give a meaningful name for your workspace.

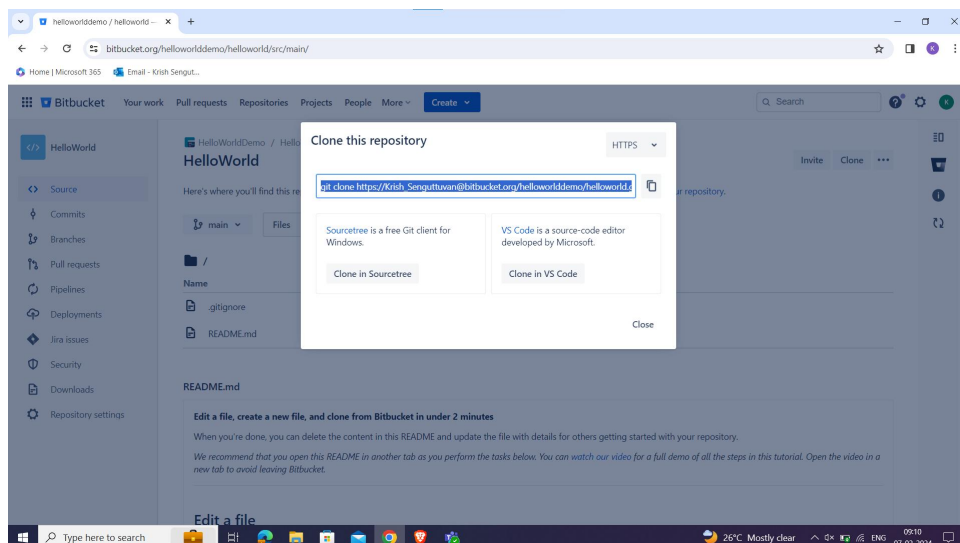


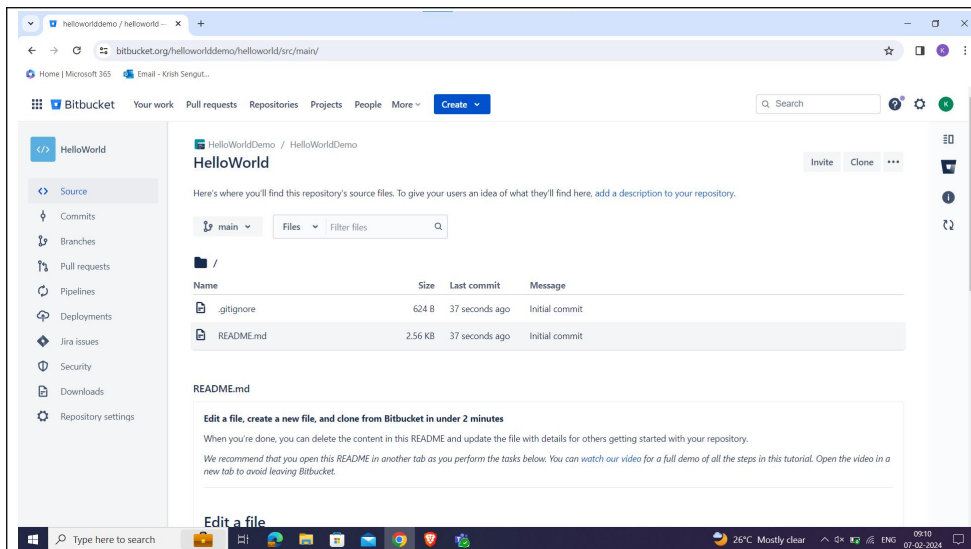
- Choose the Private of public for your repository and create your repository.



Clone Bitbucket Repository:

- Open a terminal or command prompt.
- Navigate to the directory where you want to clone the Bitbucket repository.
- Run the following command to clone the repository:
- `git clone <Bitbucket_repository_URL>`





Add and Commit Changes:

- Navigate to the directory of the cloned repository.
- Add your files to the staging area:

```
Command Prompt
C:\Users\krish.senguttuvan\Documents\helloworld>git commit -m "First Commit"
[main 12a838e] First Commit
 1 file changed, 1 insertion(+)
 create mode 100644 controllers/homeController.cs
 create mode 100644 models/errorViewModel.cs
 create mode 100644 program.cs
 create mode 100644 properties/launchSettings.json
 create mode 100644 views/home/index.cshtml
 create mode 100644 views/home/privacy.cshtml
 create mode 100644 views/shared/_error.cshtml
 create mode 100644 views/shared/_layout.cshtml
 create mode 100644 views/shared/_validationScriptsPartial.cshtml
 create mode 100644 views/_ViewImports.cshtml
 create mode 100644 views/_ViewStart.cshtml
 create mode 100644 appsettings.Development.json
 create mode 100644 appsettings.json
 create mode 100644 helloworld.csproj
 create mode 100644 obj/helloworld.csproj.nuget.dgspec.json
 create mode 100644 obj/helloworld.csproj.nuget.g.props
 create mode 100644 obj/helloworld.csproj.nuget.g.targets
 create mode 100644 obj/project.assets.json
 create mode 100644 obj/project.nuget.cache
 create mode 100644 wwwroot/css/site.css
 create mode 100644 wwwroot/favicon.ico
 create mode 100644 wwwroot/js/site.js
 create mode 100644 wwwroot/lib/bootstrap/LICENSE
 create mode 100644 wwwroot/lib/jquery-validation-unobtrusive/LICENSE.txt
 create mode 100644 wwwroot/lib/jquery-validation-unobtrusive/jquery.validate.unobtrusive.js
 create mode 100644 wwwroot/lib/jquery-validation-unobtrusive/jquery.validate.unobtrusive.min.js
 create mode 100644 wwwroot/lib/jquery-validation/LICENSE.md
 create mode 100644 wwwroot/lib/jquery/LICENSE.txt
C:\Users\krish.senguttuvan\Documents\helloworld>git push origin --all
Enumerating objects: 27, done.
Counting objects: 100% (27/27), done.
Delta compression using up to 4 threads
```

```
Command Prompt
Following command and follow the instructions in your editor to edit
your configuration file:

git config --global --edit

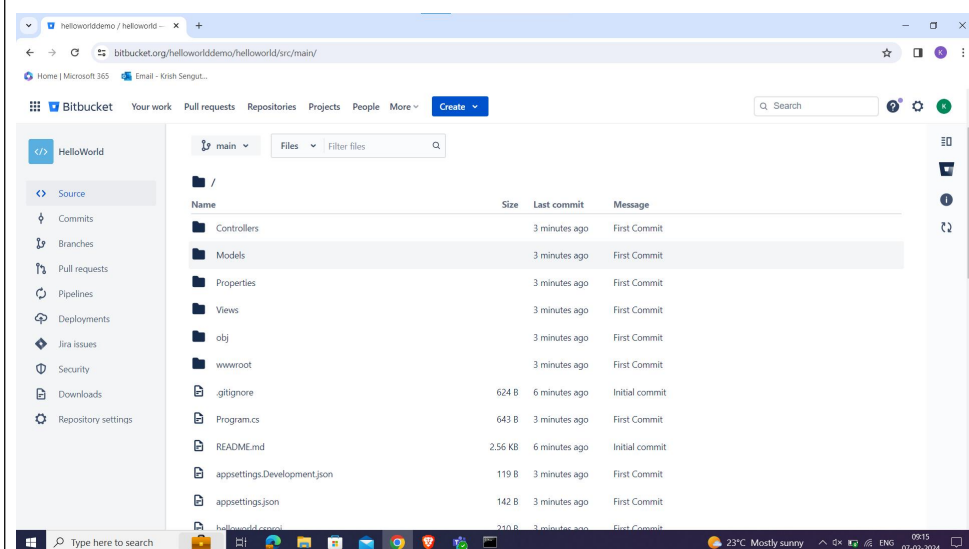
After doing this, you may fix the identity used for this commit with:

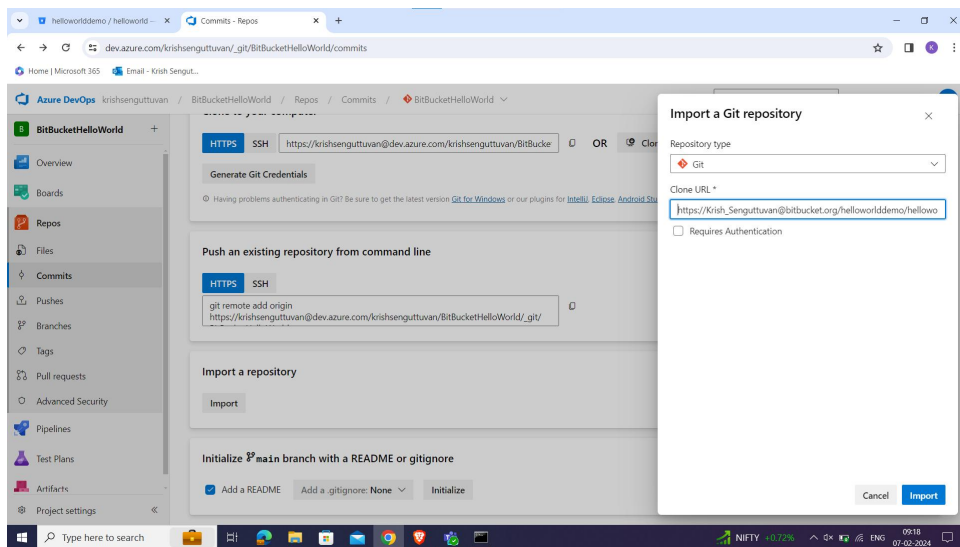
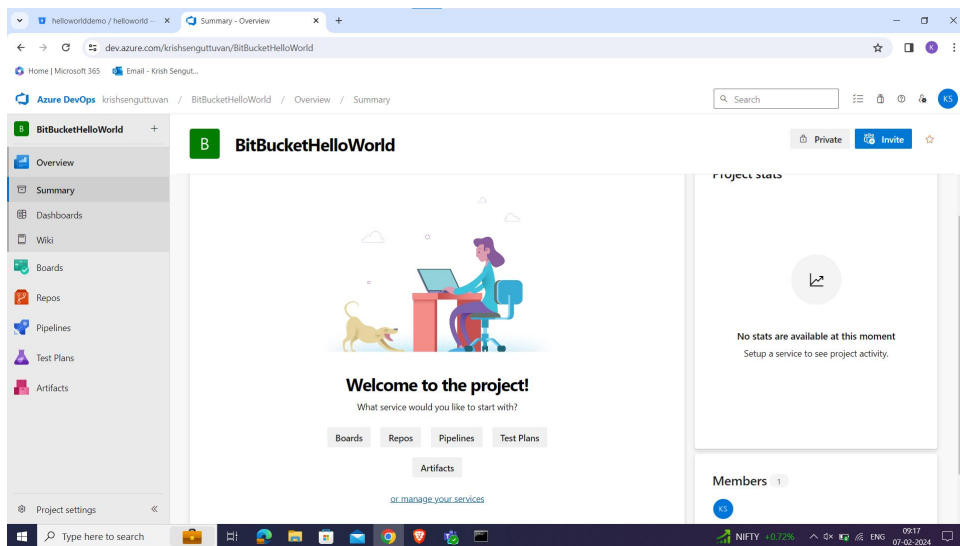
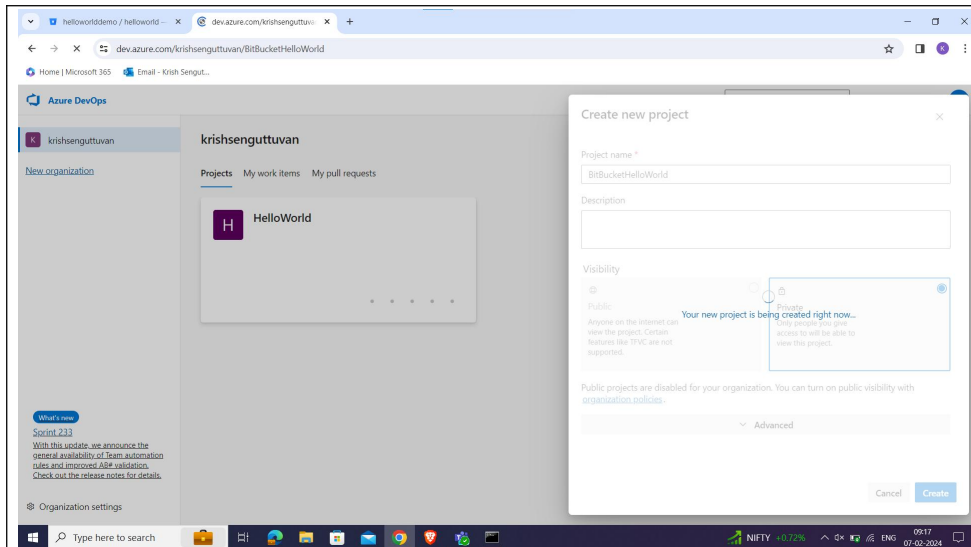
git commit --amend --reset-author

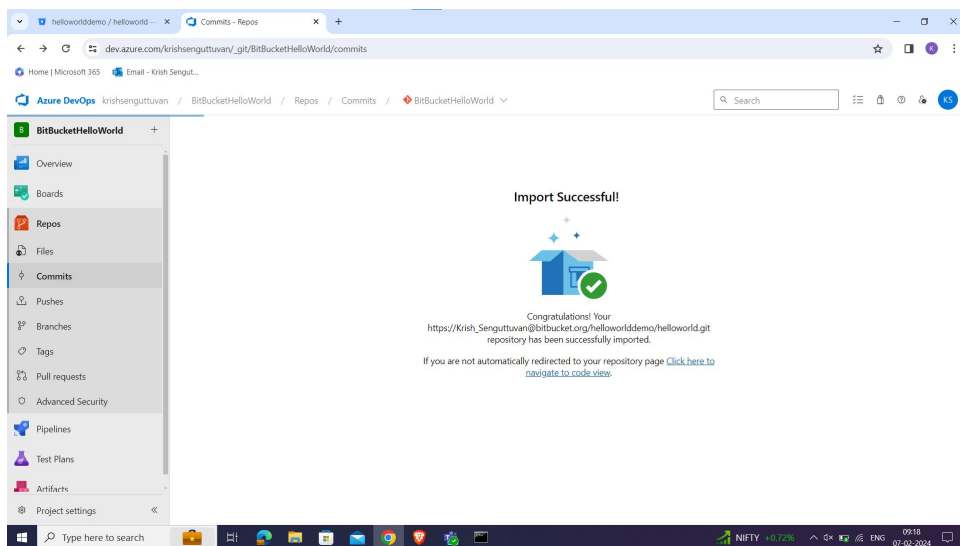
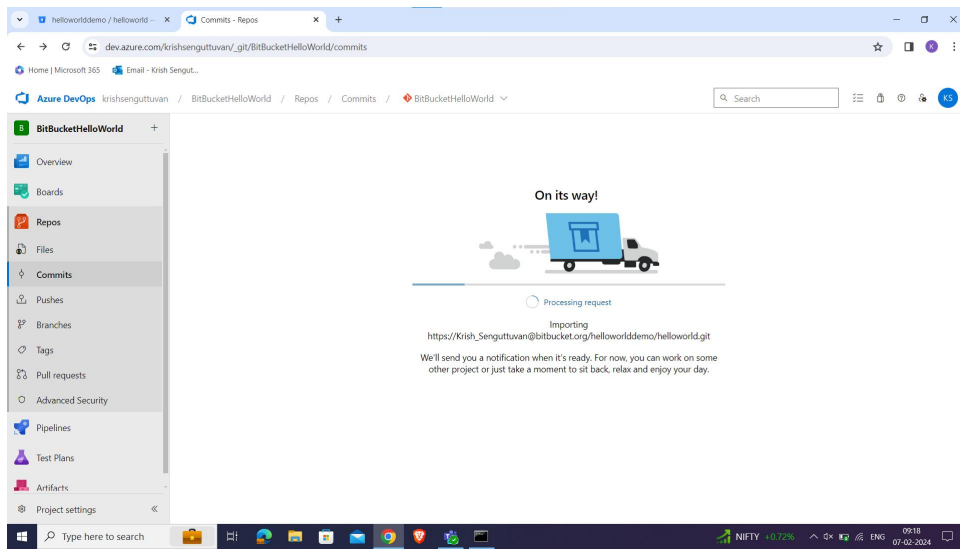
29 files changed, 889 insertions(+)
create mode 100644 Controllers/HomeController.cs
create mode 100644 Models/ErrorViewModel.cs
create mode 100644 Program.cs
create mode 100644 Properties/LaunchSettings.json
create mode 100644 Views/Home/Index.cshtml
create mode 100644 Views/Home/Privacy.cshtml
create mode 100644 Views/Shared/Error.cshtml
create mode 100644 Views/Shared/_Layout.cshtml.css
create mode 100644 Views/Shared/_ValidationScriptsPartial.cshtml
create mode 100644 Views/ViewImports.cshtml
create mode 100644 Views/ViewStart.cshtml
create mode 100644 appsettings.Development.json
create mode 100644 appsettings.json
create mode 100644 helloworld.csproj
create mode 100644 obj/helloworld.csproj.nuget.dgspec.json
create mode 100644 obj/helloworld.csproj.nuget.g.props
create mode 100644 obj/helloworld.csproj.nuget.g.targets
create mode 100644 obj/project.assets.json
create mode 100644 obj/project.nuget.cache
create mode 100644 wwwroot/css/site.css
create mode 100644 wwwroot/favicon.ico
create mode 100644 wwwroot/js/site.js
create mode 100644 wwwroot/lib/jquery-validation-unobtrusive/LICENSE.txt
create mode 100644 wwwroot/lib/jquery-validation-unobtrusive/jquery.validate.unobtrusive.js
create mode 100644 wwwroot/lib/jquery-validation-unobtrusive/jquery.validate.unobtrusive.min.js
create mode 100644 wwwroot/lib/jquery-validation/LICENSE.md
create mode 100644 wwwroot/lib/jquery/LICENSE.txt

C:\Users\Krish.sengupta\Documents\helloworld>git push origin --all
Enumerating objects: 47, done.
Counting objects: 100% (47/47), done.
Delta compression using up to 4 threads
Compressing objects: 100% (37/37), done.
Writing objects: 100% (46/46), 18.48 KiB | 2.63 KiB/s, done.
Total 46 (delta 3), reused 0 (delta 0), pack-reused 0
to https://bitbucket.org/helloworlddemo/helloworld.git
b459409..12a830e main -> main
```

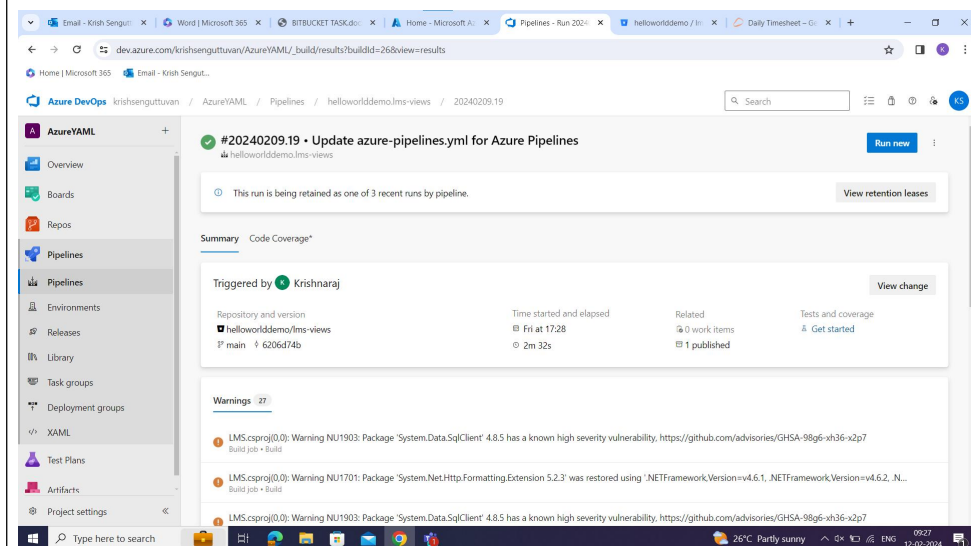
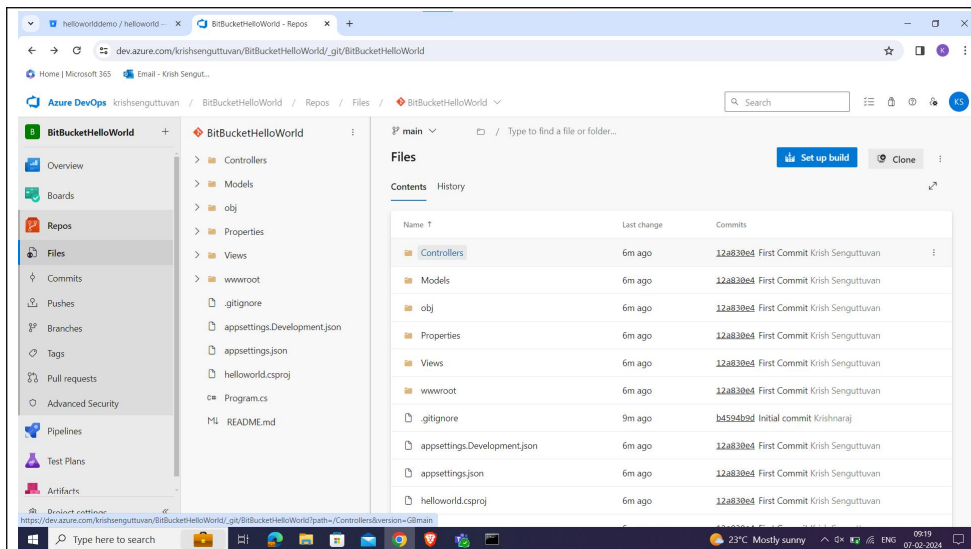
- All the program files are pushed to Bitbucket Repository



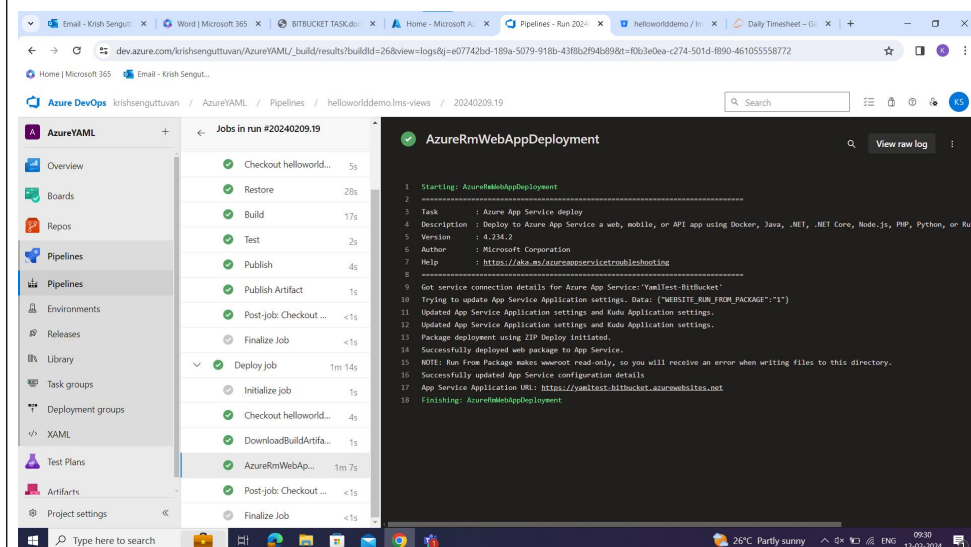
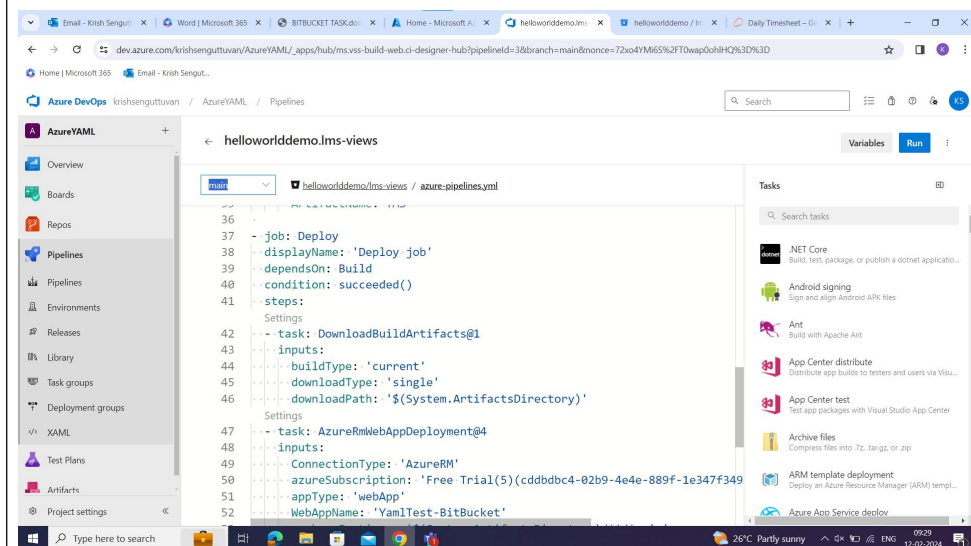
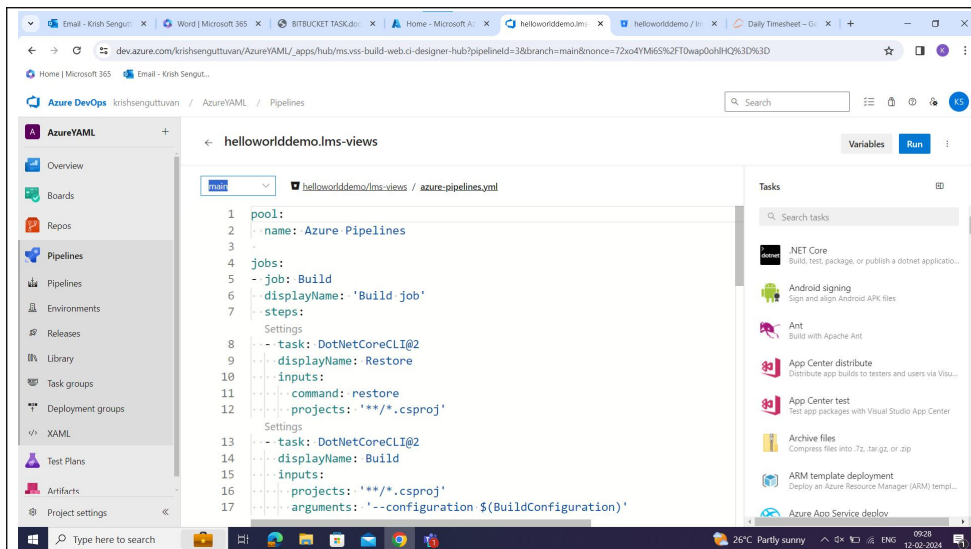




- Now, we have pushed all our programs to Azure repo from our Bitbucket repository.

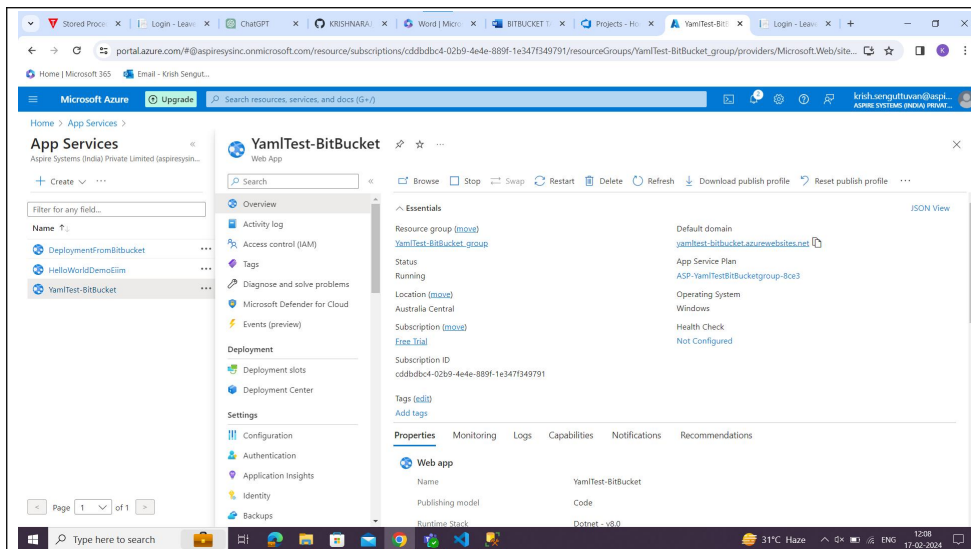


- Here we have coded a customised YAML to perform two jobs.
- First job is to BUILD, TEST and PUBLIS.
- Second job is to DEPLOY.
- If Job one fails, the second job will not execute.

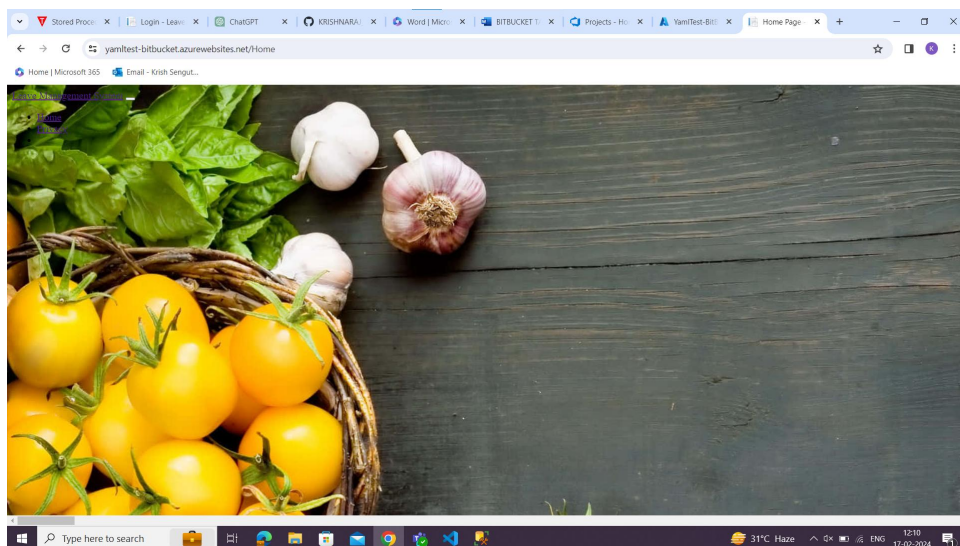


- Now, Pipeline is successfully completed.

Running of Web Services:



- Started the Web Services.



- Applications runs successfully.

So, these are the steps to follow for the deployment of web DotNet web application from Bitbucket to Azure Cloud Services.