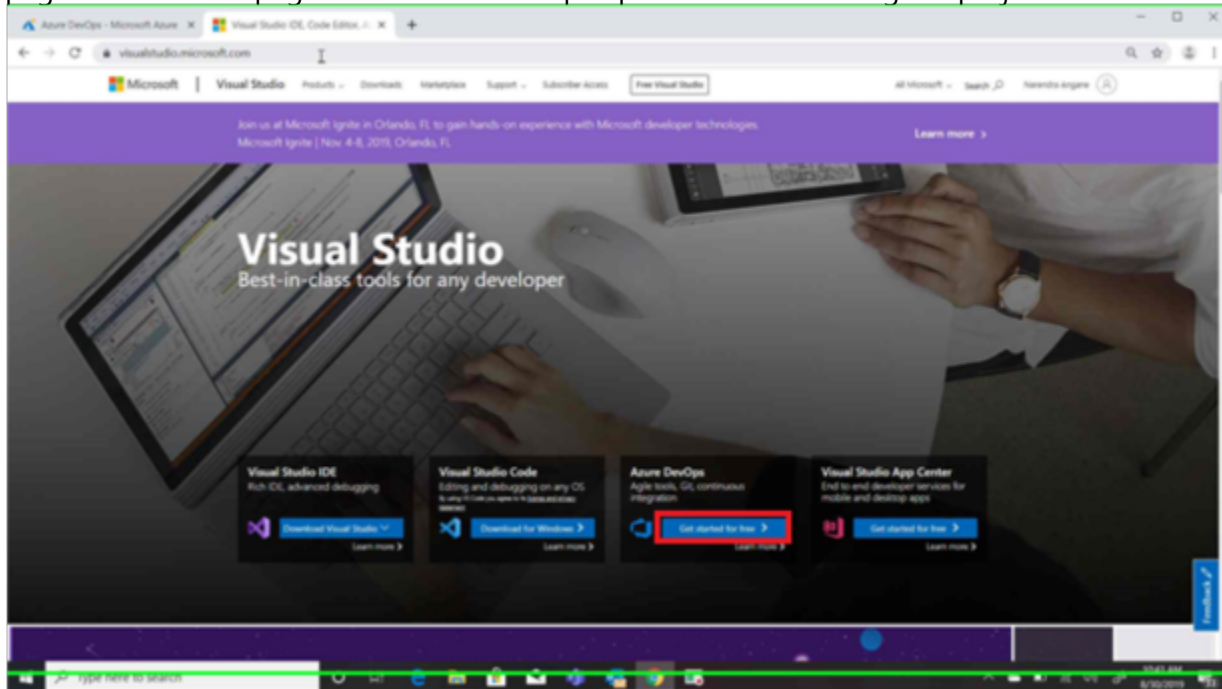


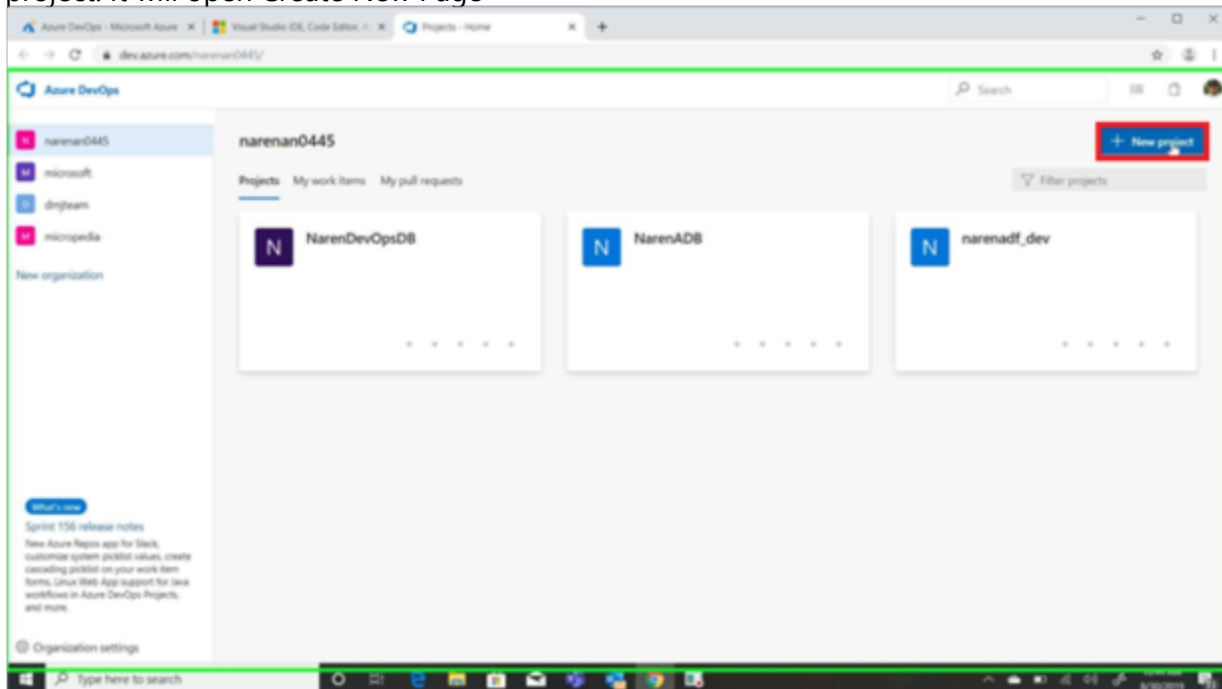
Part 2: Create a DevOps Project and Database Project in VS

Next step is to create CI/CD Project. Let's start creating project step by step:

Step 1: Open any browser and enter <http://visualstudio.microsoft.com>. It will open Visual Studio Starting page and from the page select Azure DevOps option to start creating the project.

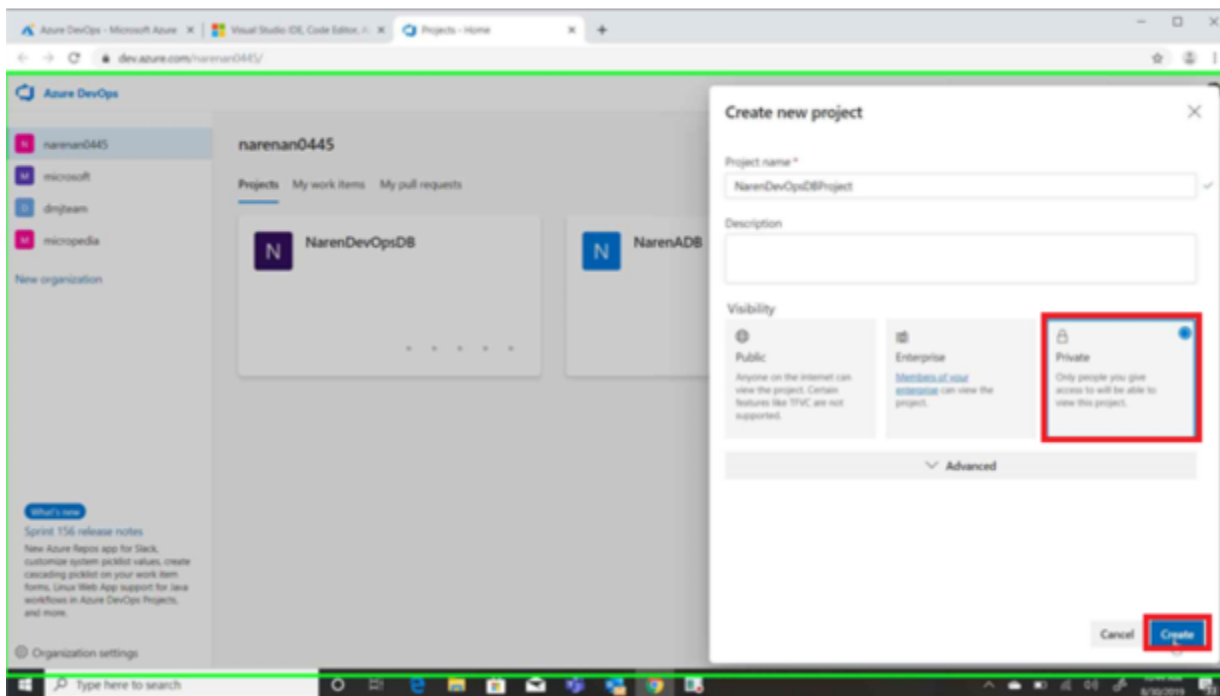


Step 2: It will open dev.azure.com (Azure DevOps page). Select New Project button to create new project. It will open Create New Page

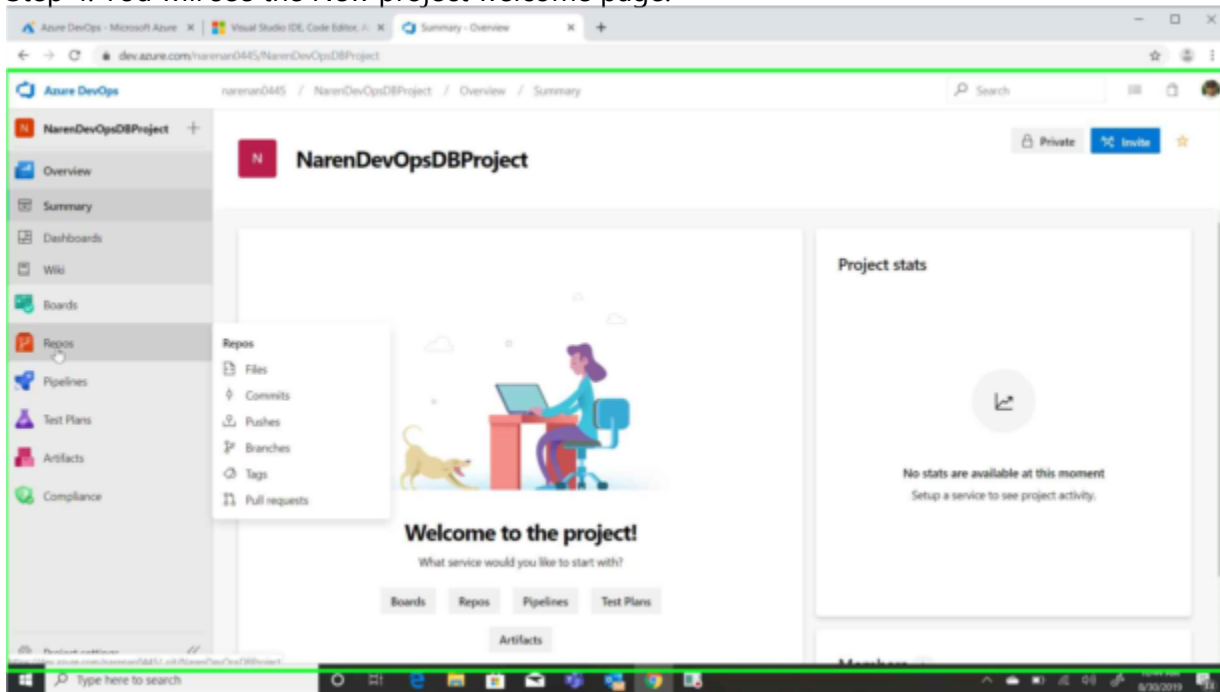


Step 3: On Create new project page enter the following information and click on Create Button:

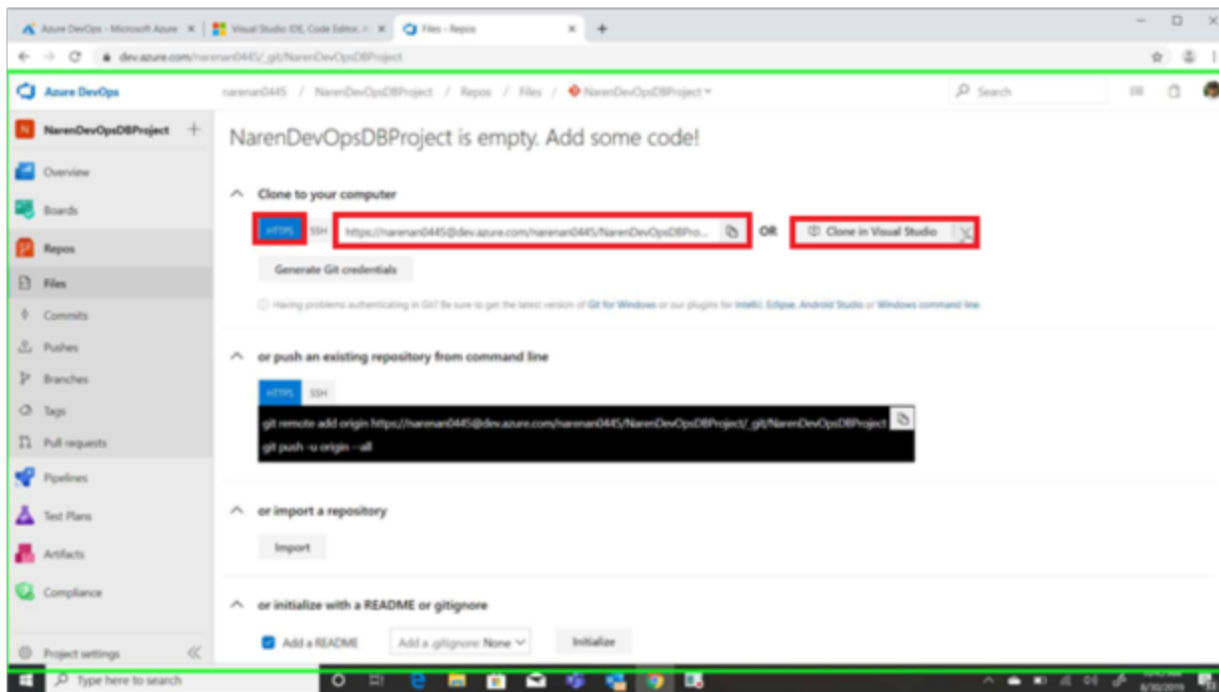
- Project Name: <Enter Project Name>
- Visibility: Select Private as Option



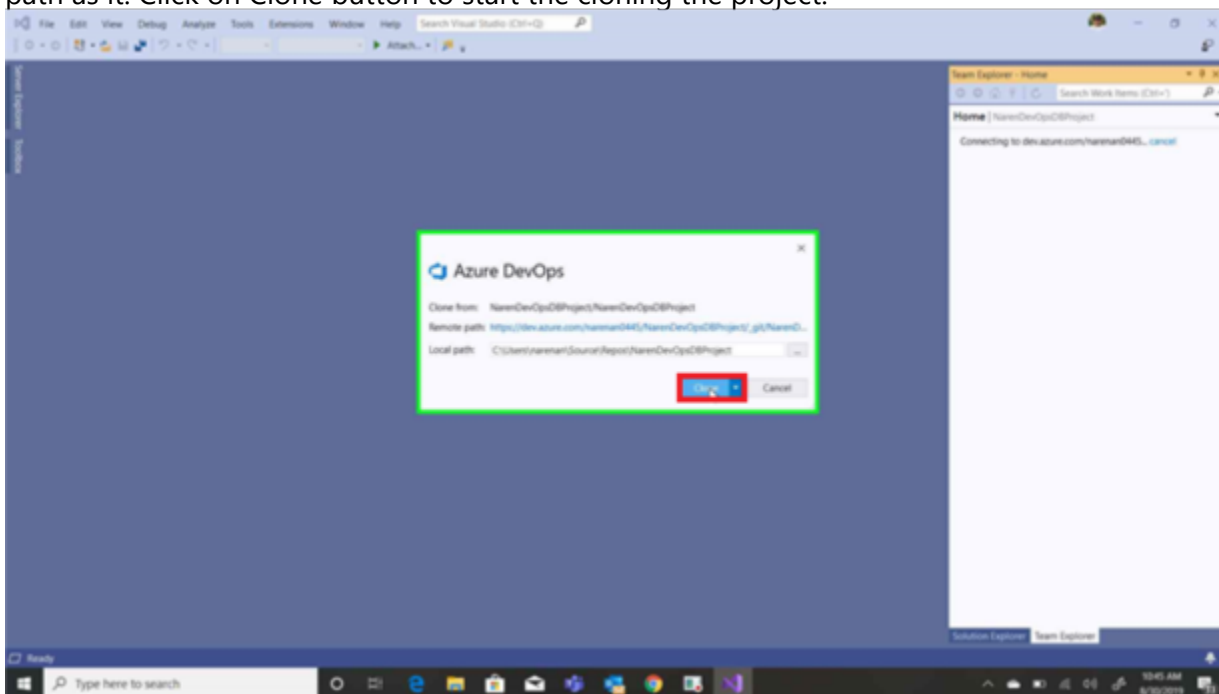
Step 4: You will see the New project welcome page:



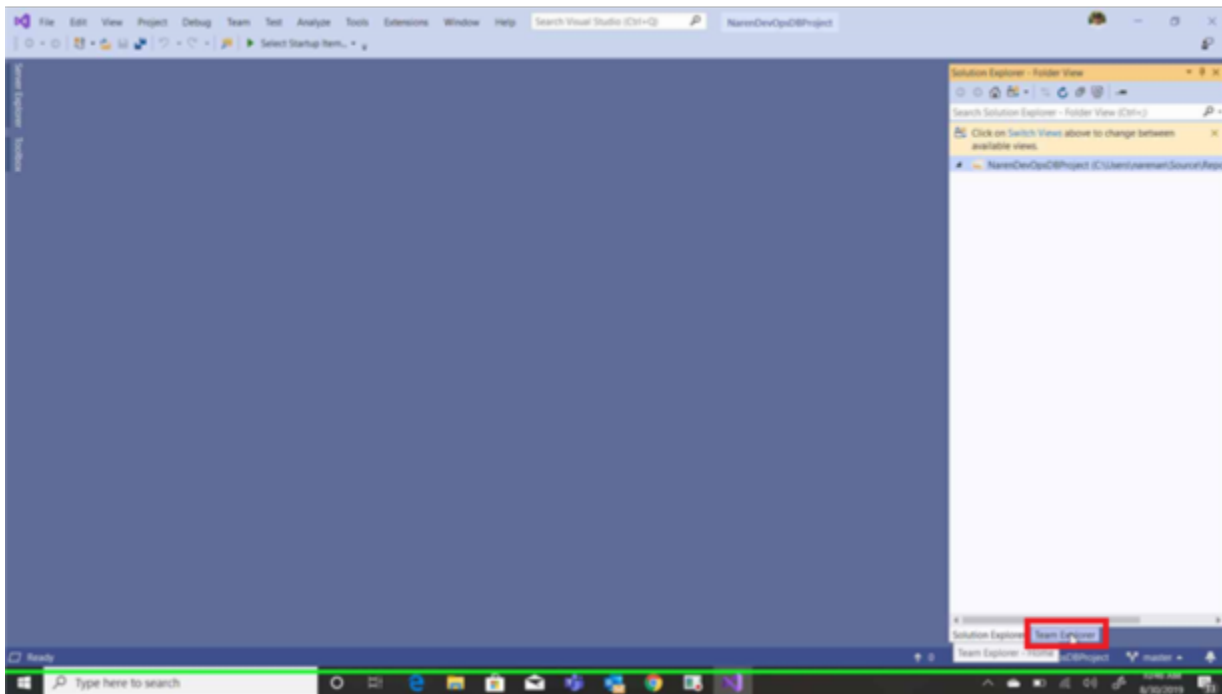
Step 5: Click on Repos from the left side of the panel. From the right side of the page make sure that clone to Visual Studio option is selected and repos link with the HTTPS option is highlighted



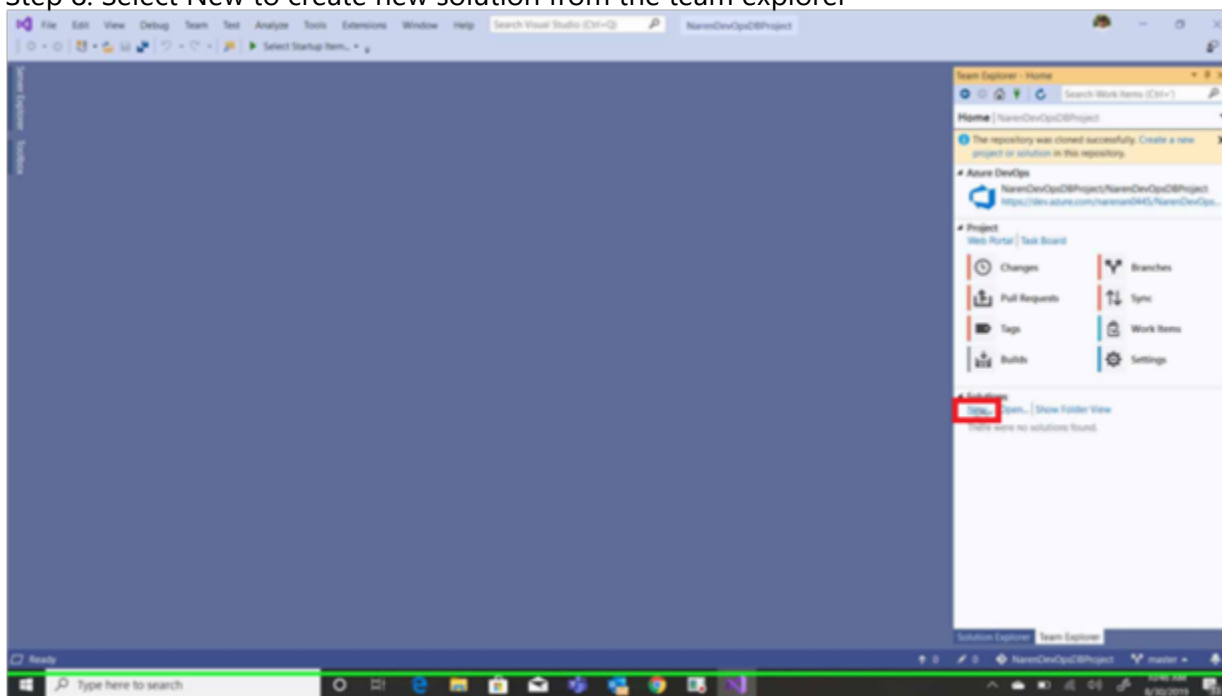
Step 6: It will open the Visual Studio where you can see the clone information along with remote path and local path. You can change the local path if you want but, in my demo, I am keeping the default path as it. Click on Clone button to start the cloning the project.



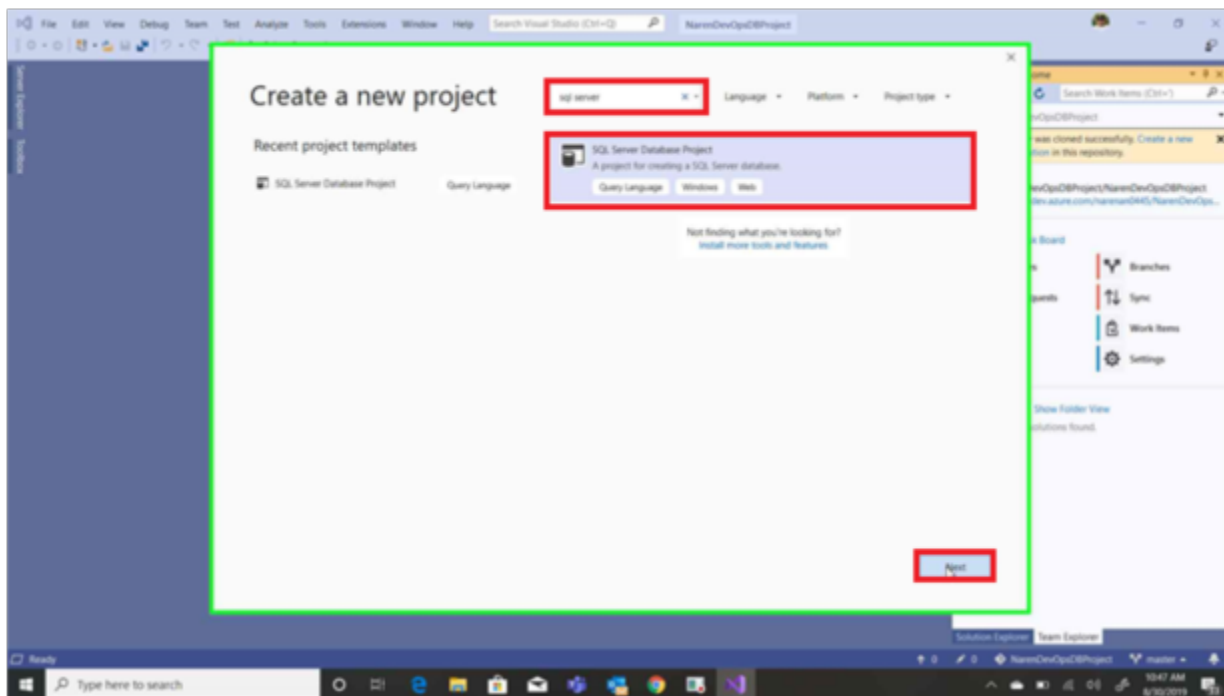
Step 7: In visual Studio, select team explorer tab



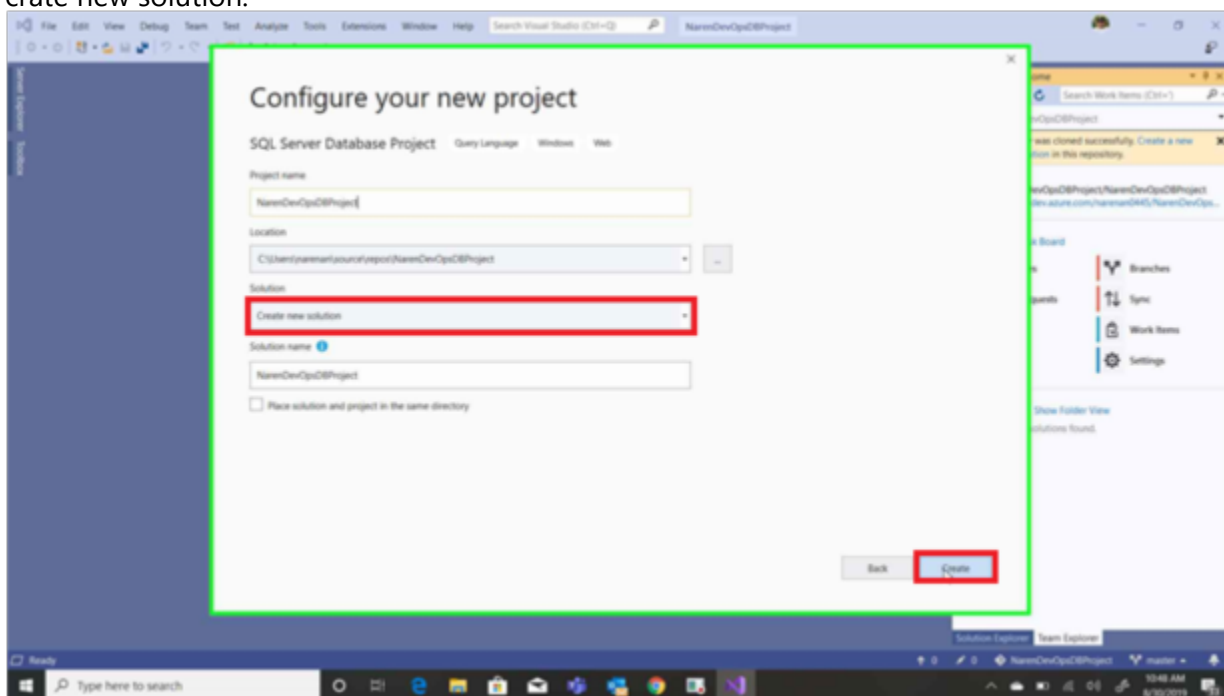
Step 8: Select New to create new solution from the team explorer



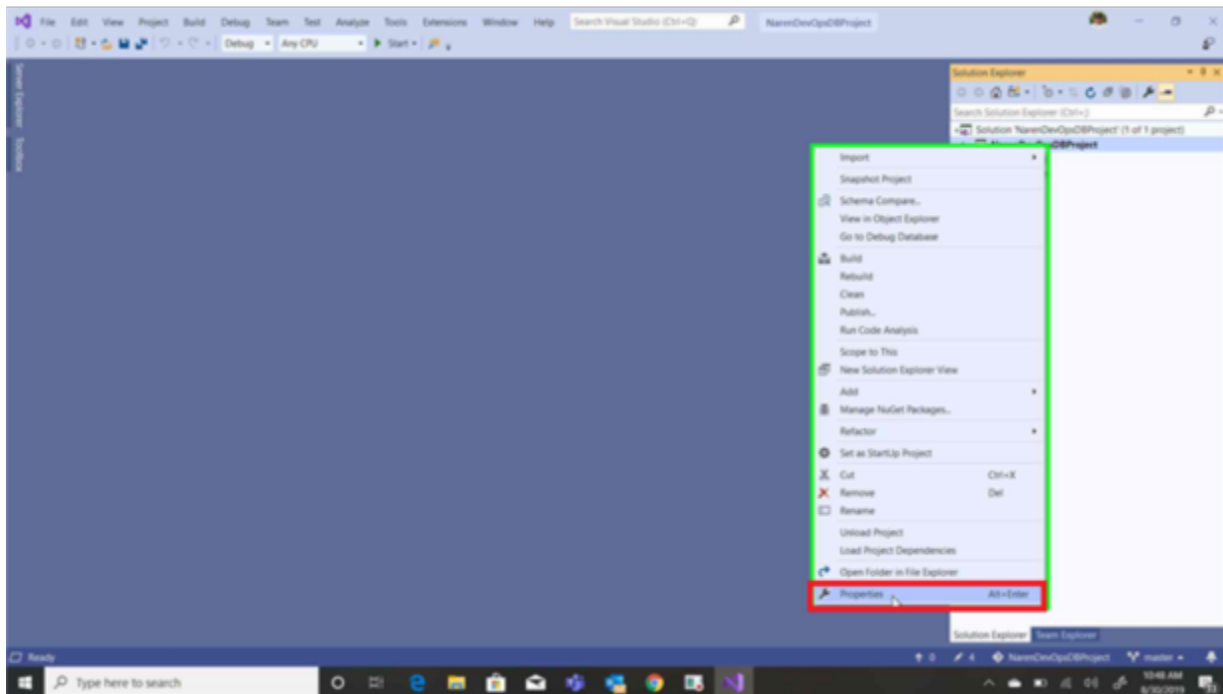
Step 9: It will open the Create a new project window, type SQL Server in search window and select SQL Server Database Project template and click next button



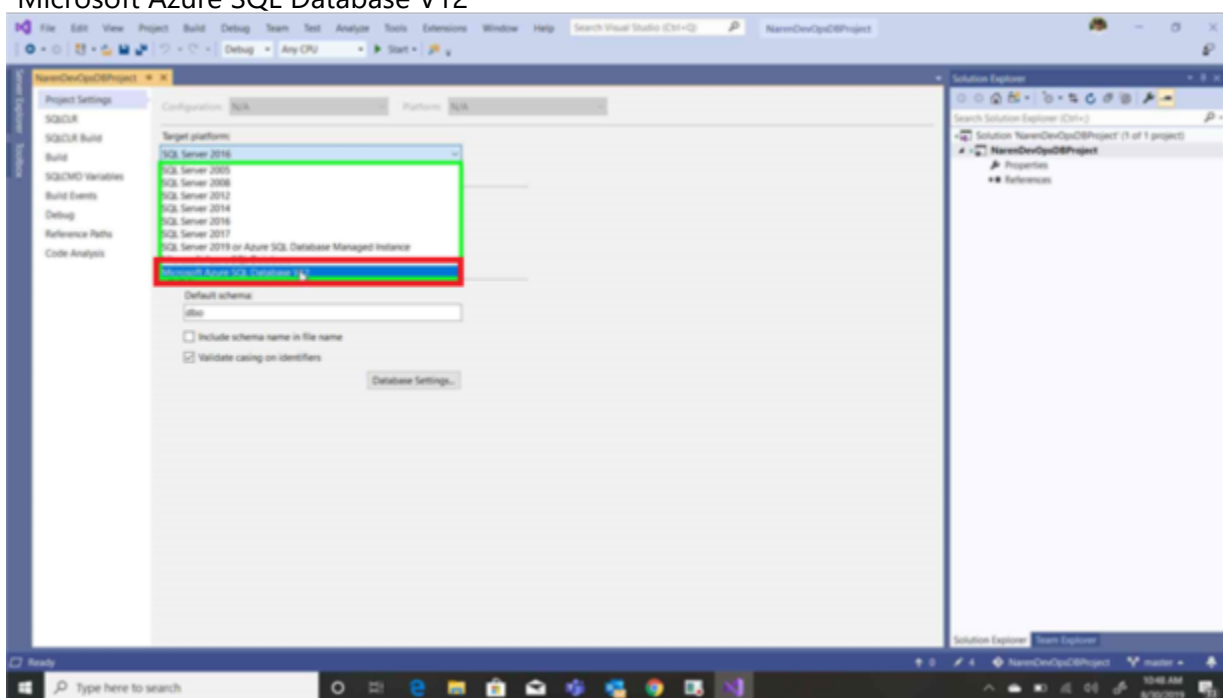
Step 10: It will open Configure your new project window. Enter Project Name, choose the right location, make sure that create new solution option is selected, enter solution name and select Create button to create new solution.



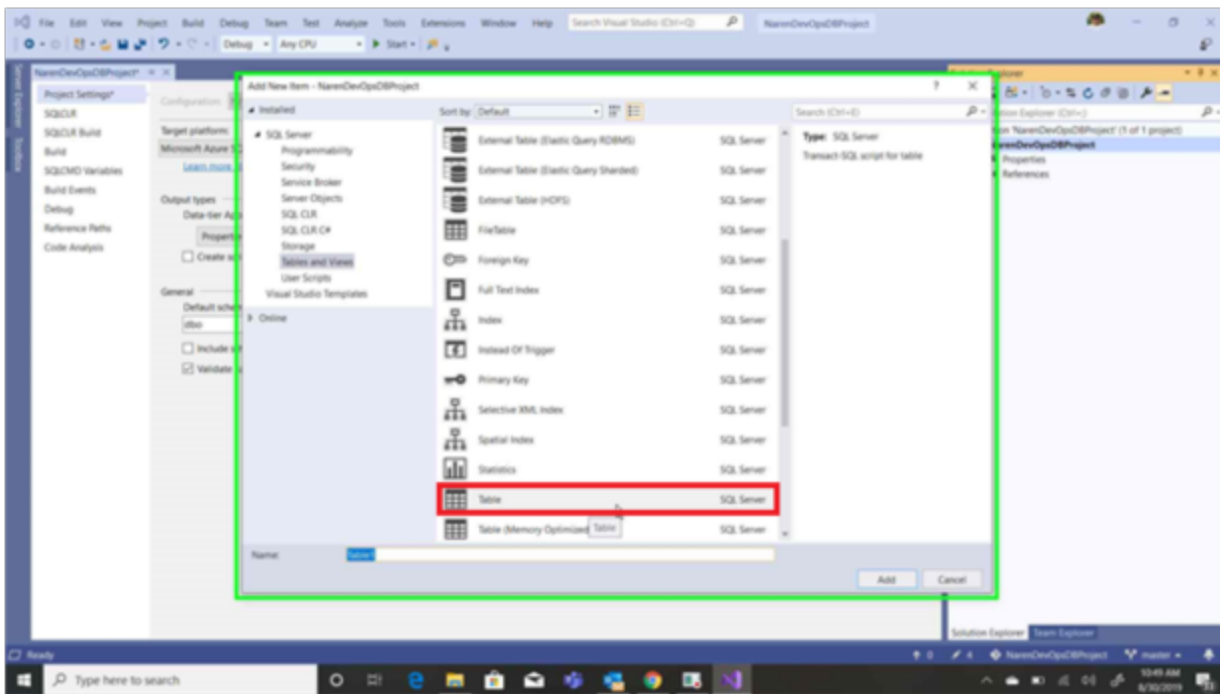
Step 11: Click on Solution Explorer tab to go to the Solution Explorer window. Right click on the project name and open the project property window



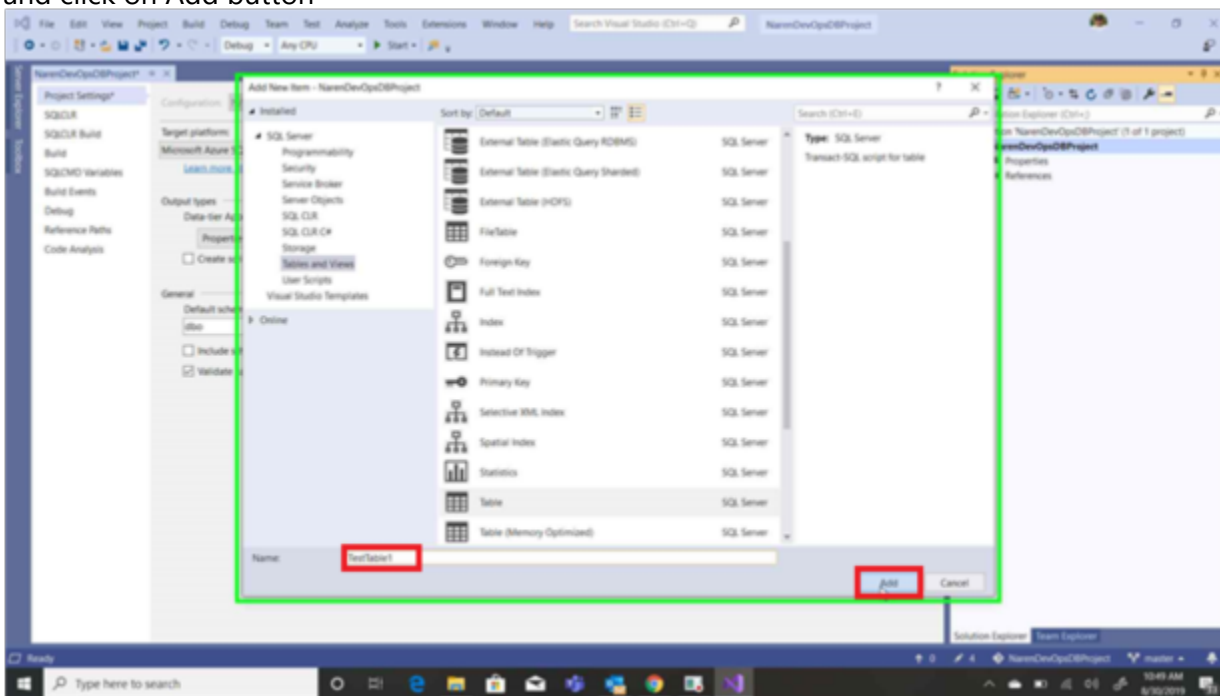
Step 12: On project property window go to the project setting tab and change the target platform to "Microsoft Azure SQL Database V12"



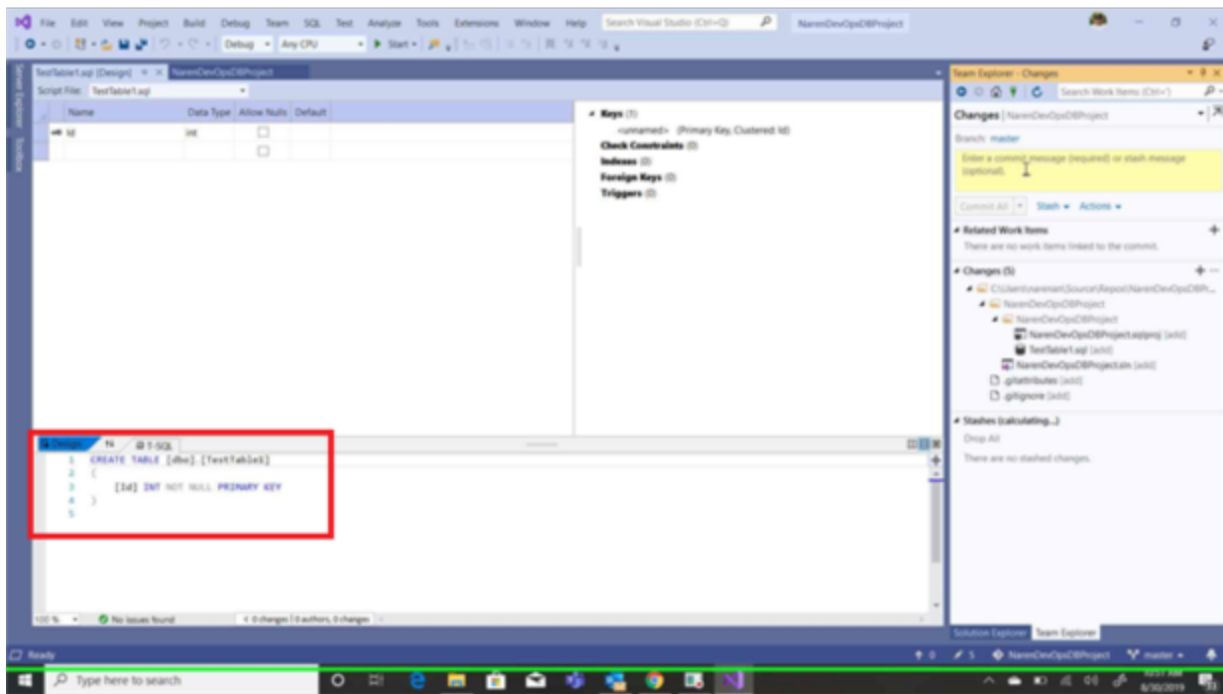
Step 13: On Solution Explorer window, right click on project name -> Add -> Table



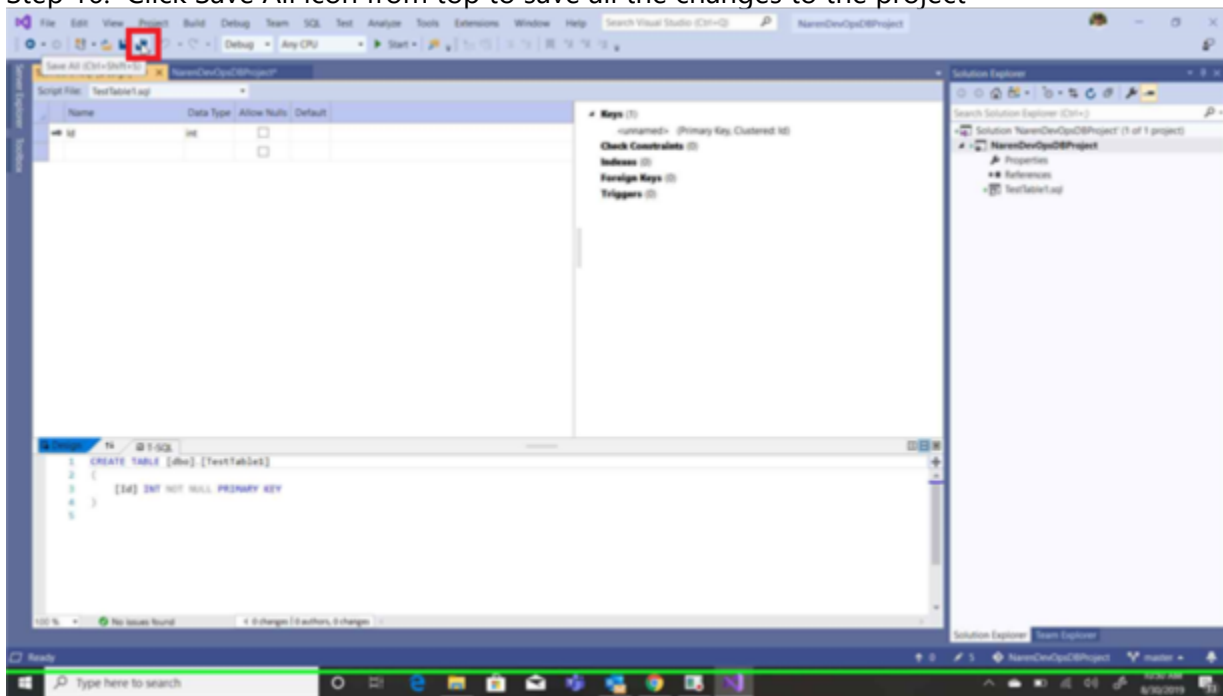
Step 14: On the add new item window make sure that table is selected and change name to TestTable1 and click on Add button



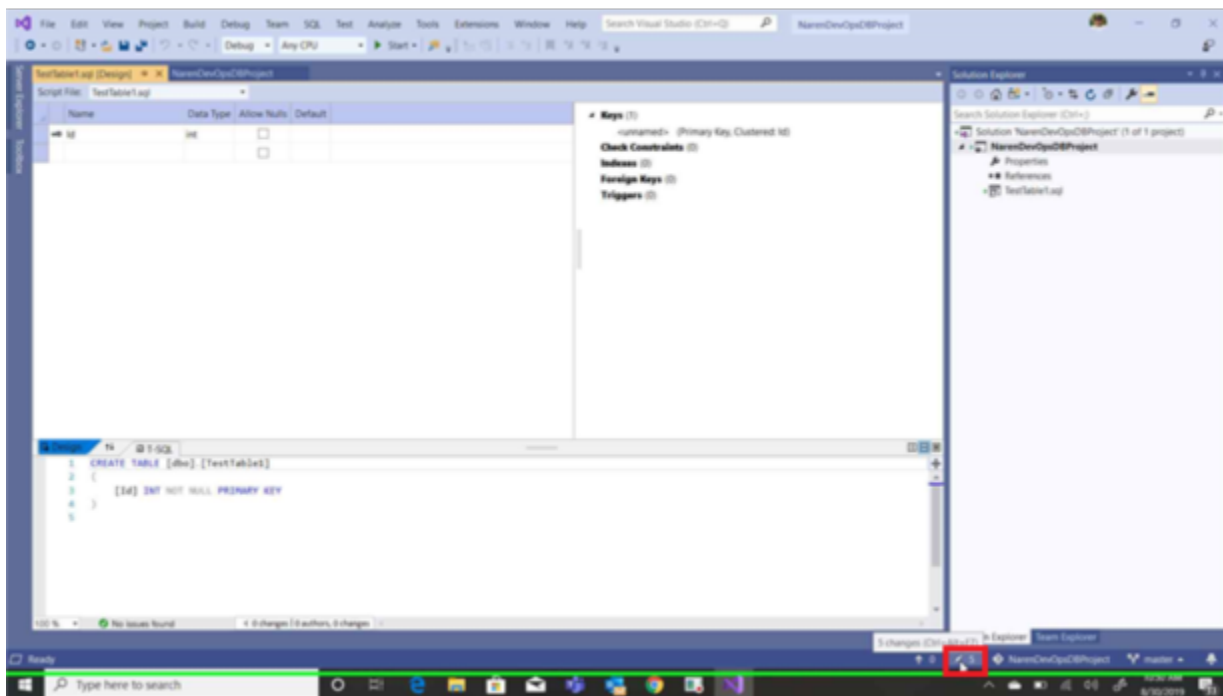
Step 15: It will open the table design window where you can create the table either by using design window or T-SQL window. Enter the following statement in T-SQL Window:
`CREATE TABLE [dbo].[TestTable1] ([Id] INT NOT NULL PRIMARY KEY)`



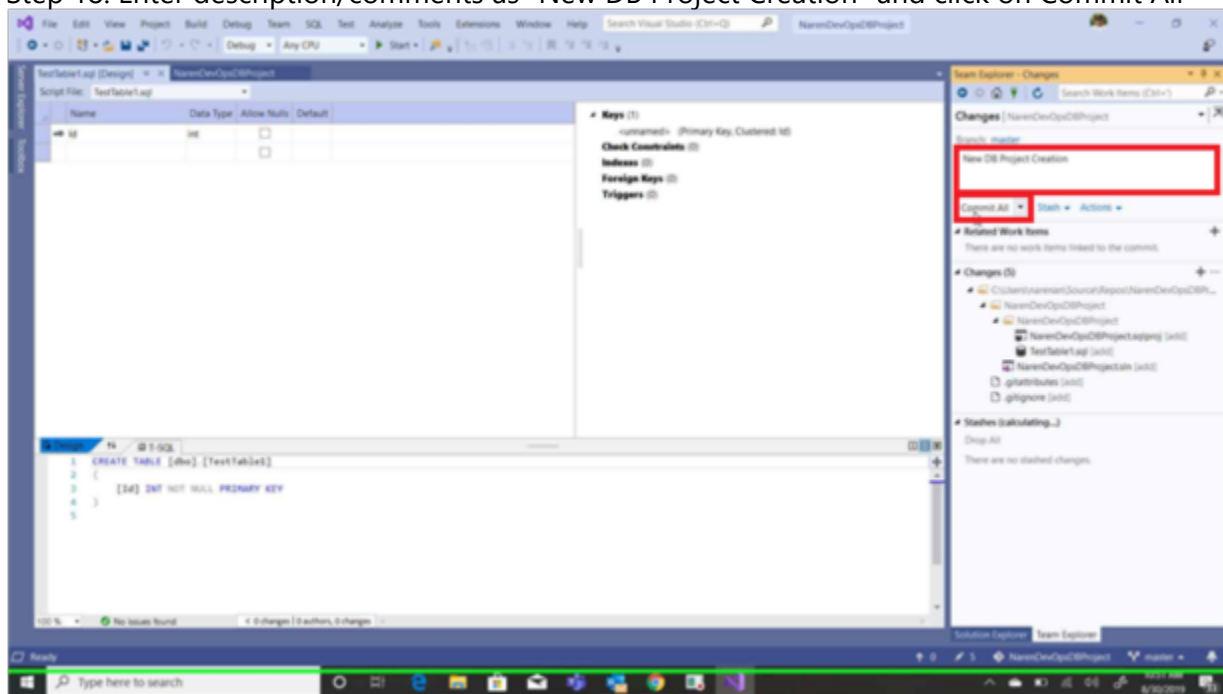
Step 16: Click Save All icon from top to save all the changes to the project



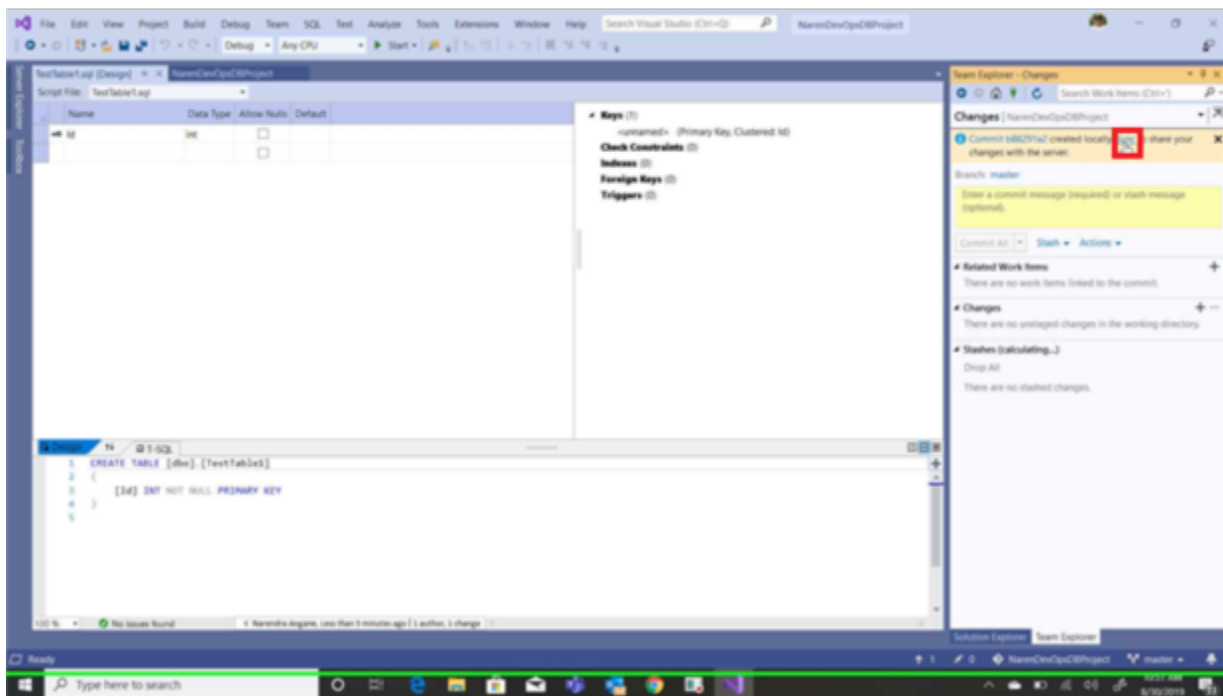
Step 17: Click bottom at the pencil icon to commit pending changes



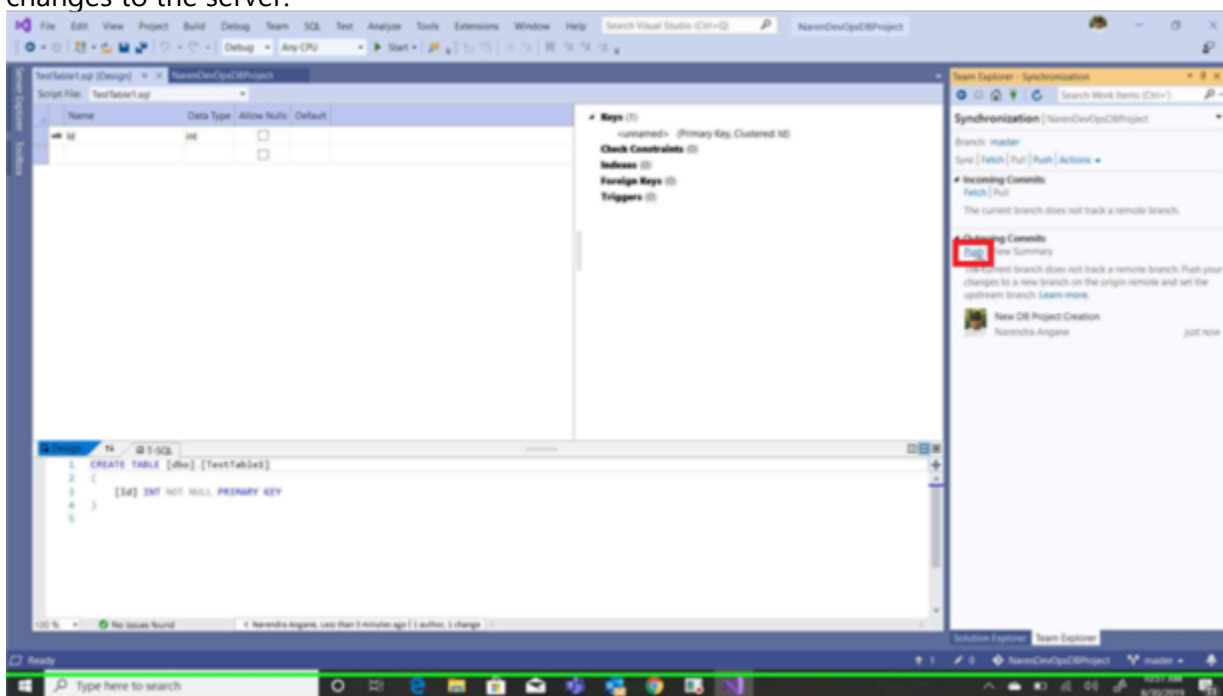
Step 18: Enter description/comments as "New DB Project Creation" and click on Commit All



Step 19: Click on Sync link to share your changes with the server



Step 20: Click on Push link from the outgoing commit section in team explorer window to push these changes to the server.



Congratulations! You have created the SQL Database project which we will use for CICD.