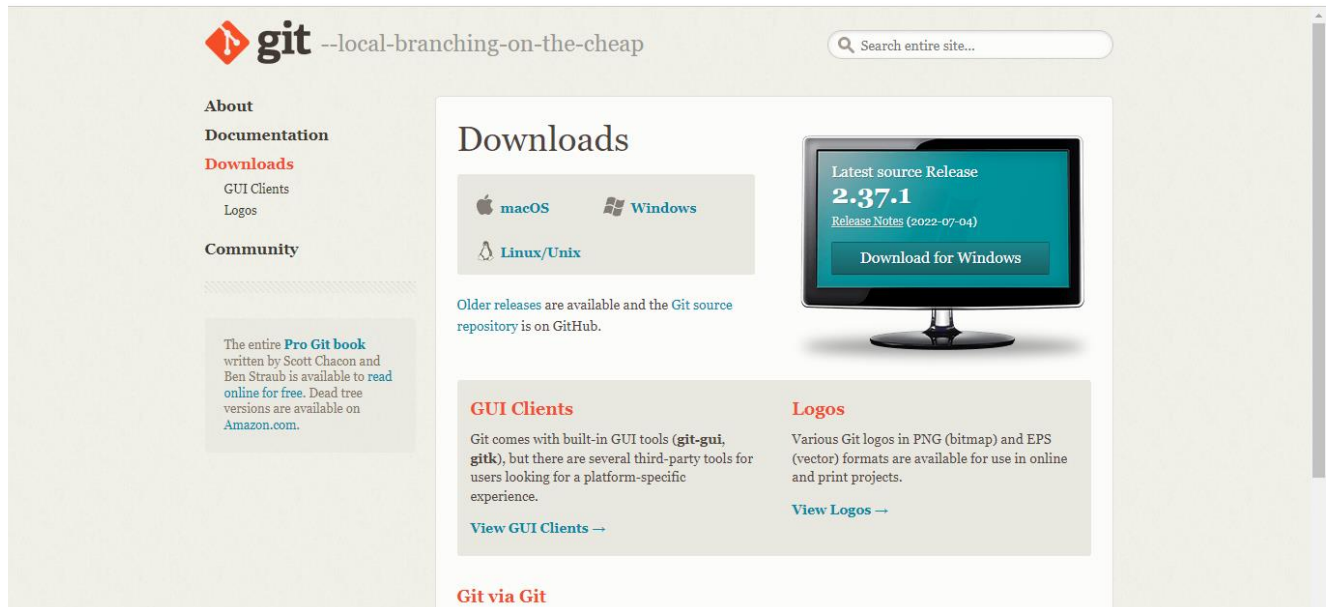
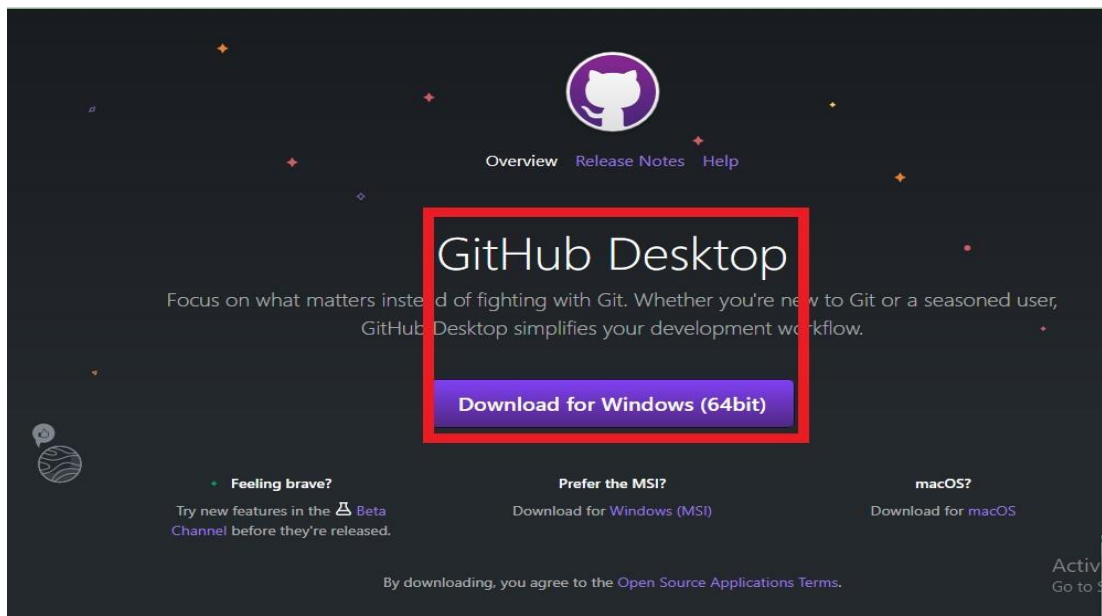


MVC Project Configuration Using Git, Github and GithubDesktop

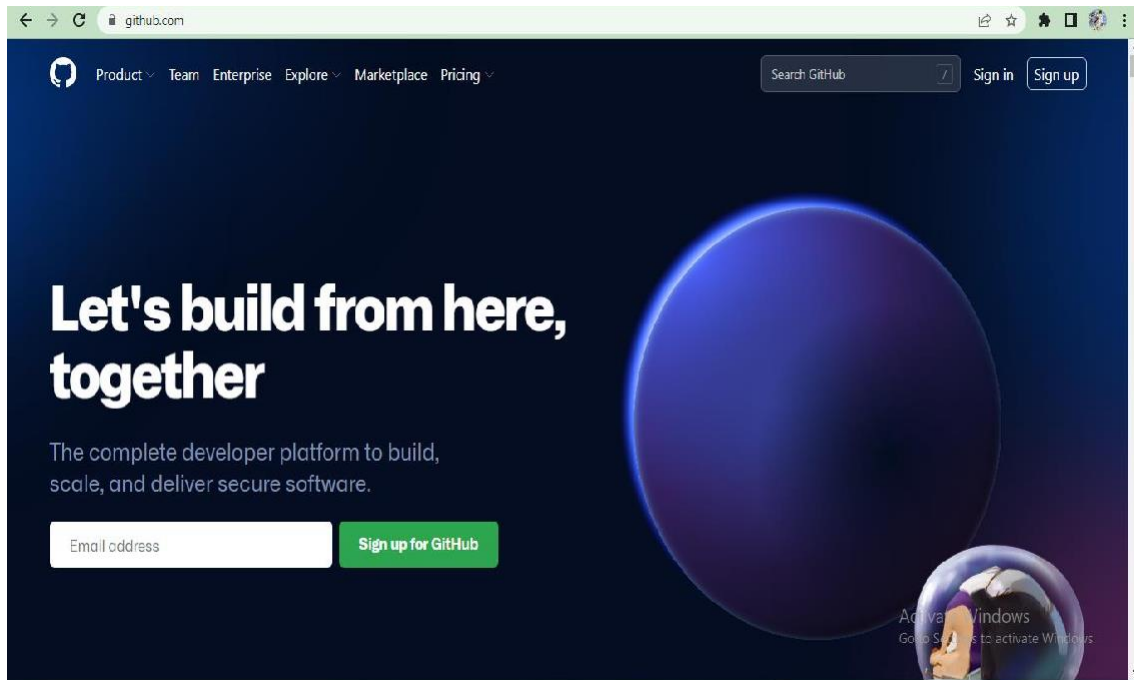
Install Git on your local machine.



Install GitHub Desktop on your local machine.

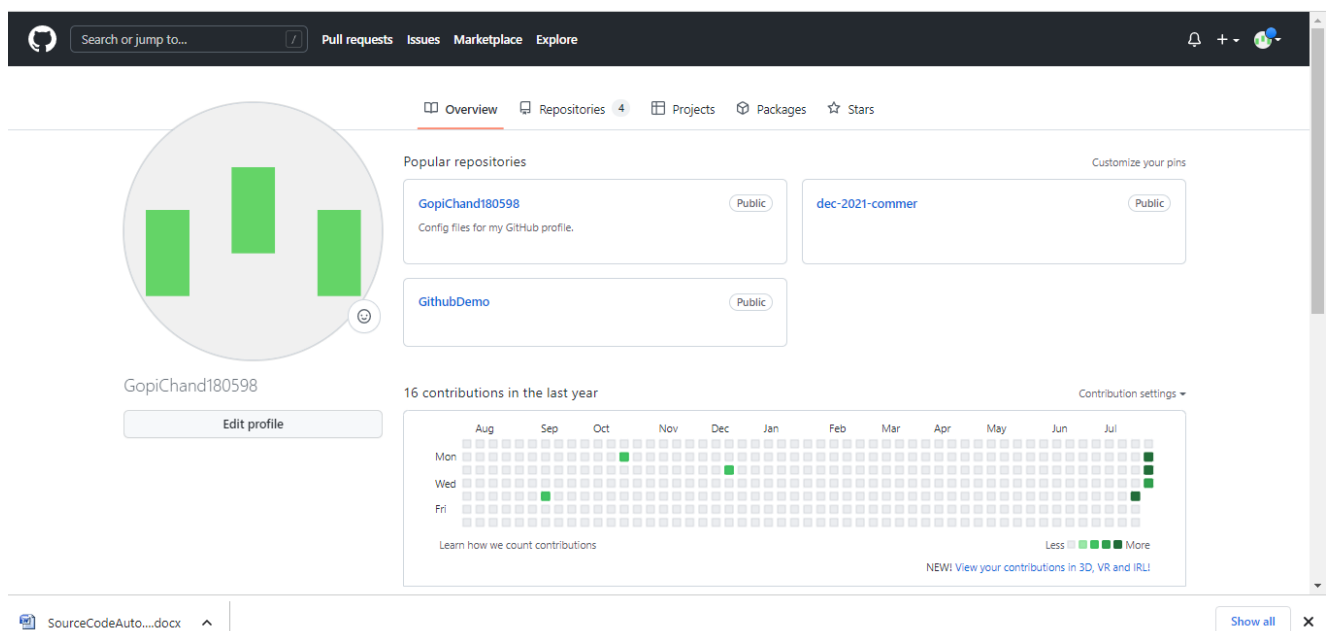


Go to <https://github.com/join>

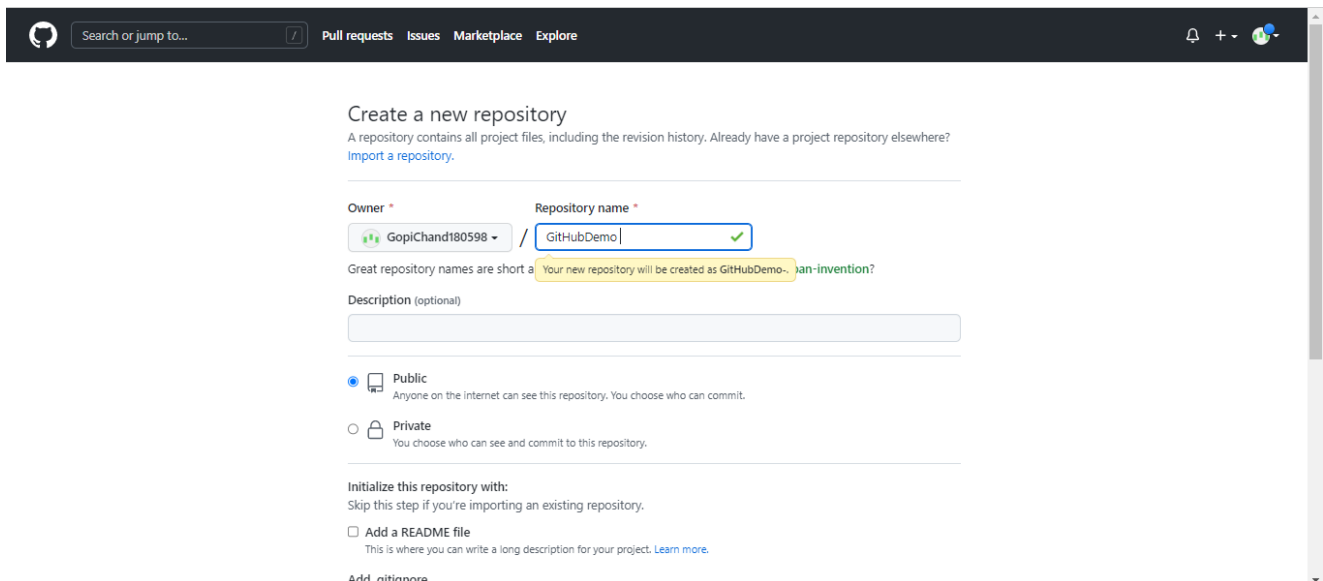


- Login with Github Credentials.

Go to Github Home Page and Created new Respository Github Demo



Make Repository visibility as Public



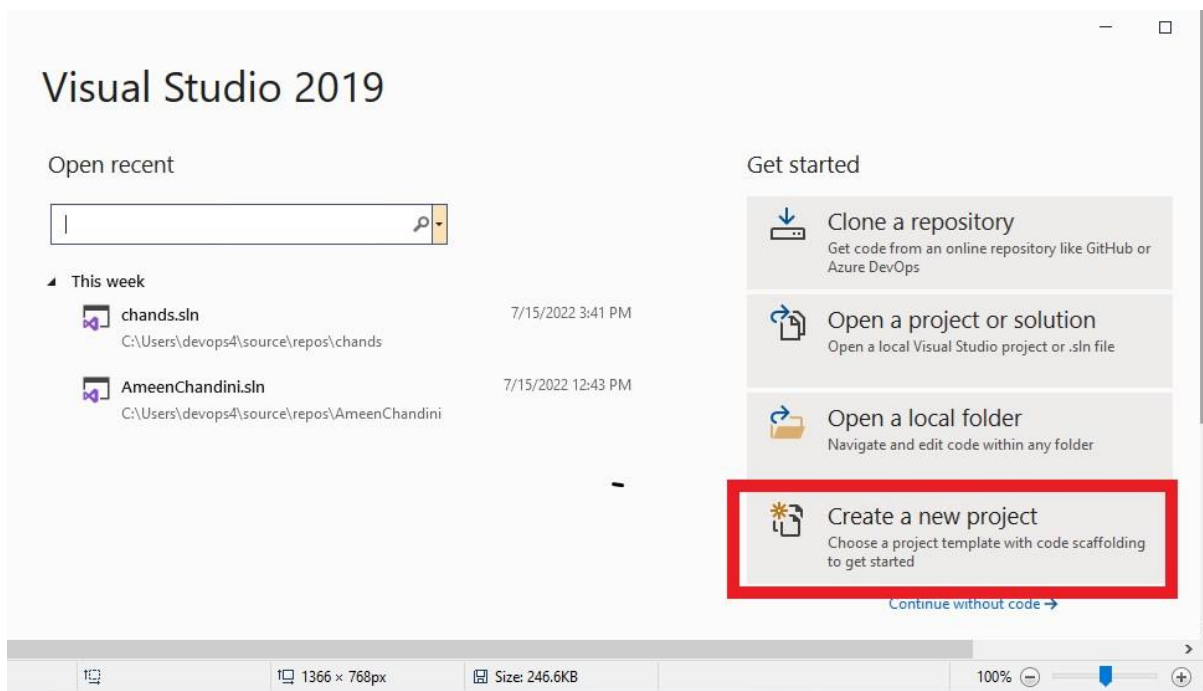
The screenshot shows the GitHub 'Create a new repository' page. At the top, there's a navigation bar with links for Pull requests, Issues, Marketplace, and Explore. The main heading is 'Create a new repository', followed by a subtext: 'A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)'

The form includes two input fields: 'Owner' with a dropdown menu showing 'GopiChand180598' and 'Repository name' with a text box containing 'GitHubDemo'. A note below these fields states: 'Great repository names are short and **your new repository will be created as GitHubDemo-*jan-invention***?'.

There is a 'Description (optional)' text area. Below it, two radio buttons are present: 'Public' (selected) and 'Private'. The 'Public' option is described as 'Anyone on the internet can see this repository. You choose who can commit.' The 'Private' option is described as 'You choose who can see and commit to this repository.'

At the bottom, there's a section 'Initialize this repository with:' with the instruction 'Skip this step if you're importing an existing repository.' It includes a checkbox for 'Add a README file' (with a link to 'Learn more.') and a checkbox for 'Add .gitignore'.

Now, we can publish some Sample code to this repository, we will do it by using Github Desktop, where we will develop a MVC project of EmployeeInfo using Models, Controllers and Views.



Create a new project

Recent project templates

ASP.NET Web Application (.NET Framework) C#

ASP.NET Web Application (.NET Framework) Visual Basic

SQL Server Database Project Query Language

[Clear all](#)

All languages

All platforms

All project types



ASP.NET Web Application (.NET Framework)

Project templates for creating ASP.NET applications. You can create ASP.NET Web Forms, MVC, or Web API applications and add many other features in ASP.NET.

Visual Basic

Windows

Cloud

Web



ASP.NET Web Application (.NET Framework)

Project templates for creating ASP.NET applications. You can create ASP.NET Web Forms, MVC, or Web API applications and add many other features in ASP.NET.

C#

Windows

Cloud

Web



ASP.NET Empty Web Site

An empty Web site. This template does not produce a project file and has limited MSBuild support.

C#

Windows

Web



ASP.NET Web Forms Site

A project for creating a blank Web site using ASP.NET Web Forms. This template does not produce a project file and has limited MSBuild support.

C#

Windows

Web

Back

Next

Activate Windows
Go to Settings to activate Windows

Give a Name for Project

Configure your new project

ASP.NET Web Application (.NET Framework) Visual Basic Windows Cloud Web

Project name

MVC-FirstProject1

Location

C:\Users\devops4\source\repos

Solution name ⓘ

MVC-FirstProject1

☐ Place solution and project in the same directory

Framework

.NET Framework 4.7.2

Back Create

Activate Windows

Go to Settings to activate Windows

Select MVC template

183.82.125.202:4499 - Remote Desktop Connection

Create a new ASP.NET Web Application

Empty
An empty project template for creating ASP.NET applications. This template does not have any content in it.

Web Forms
A project template for creating ASP.NET Web Forms applications. ASP.NET Web Forms lets you build dynamic websites using a familiar drag-and-drop, event-driven model. A design surface and hundreds of controls and components let you rapidly build sophisticated, powerful UI-driven sites with data access.

MVC
A project template for creating ASP.NET MVC applications. ASP.NET MVC allows you to build applications using the Model-View-Controller architecture. ASP.NET MVC includes many features that enable fast, test-driven development for creating applications that use the latest standards.

Web API
A project template for creating RESTful HTTP services that can reach a broad range of clients including browsers and mobile devices.

Single Page Application
A project template for creating rich client side JavaScript driven HTML5 applications using ASP.NET Web API. Single Page Applications provide a rich user experience which includes client-side interactions using HTML5, CSS3, and JavaScript.

Authentication
No Authentication
[Change](#)

Add folders & core references

☐ Web Forms
☒ MVC
☐ Web API

Advanced

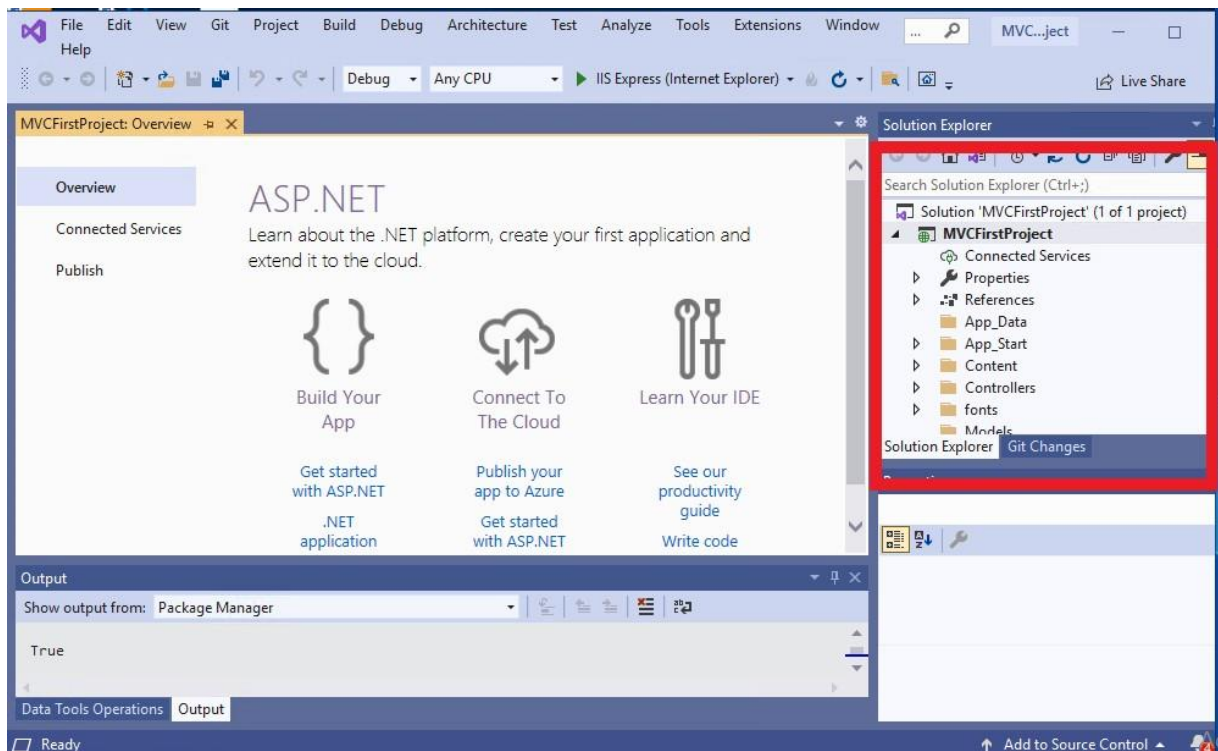
☒ Configure for HTTPS
☐ Docker support
(Requires [Docker Desktop](#))
☐ Also create a project for unit tests

MVC-FirstProject.Tests

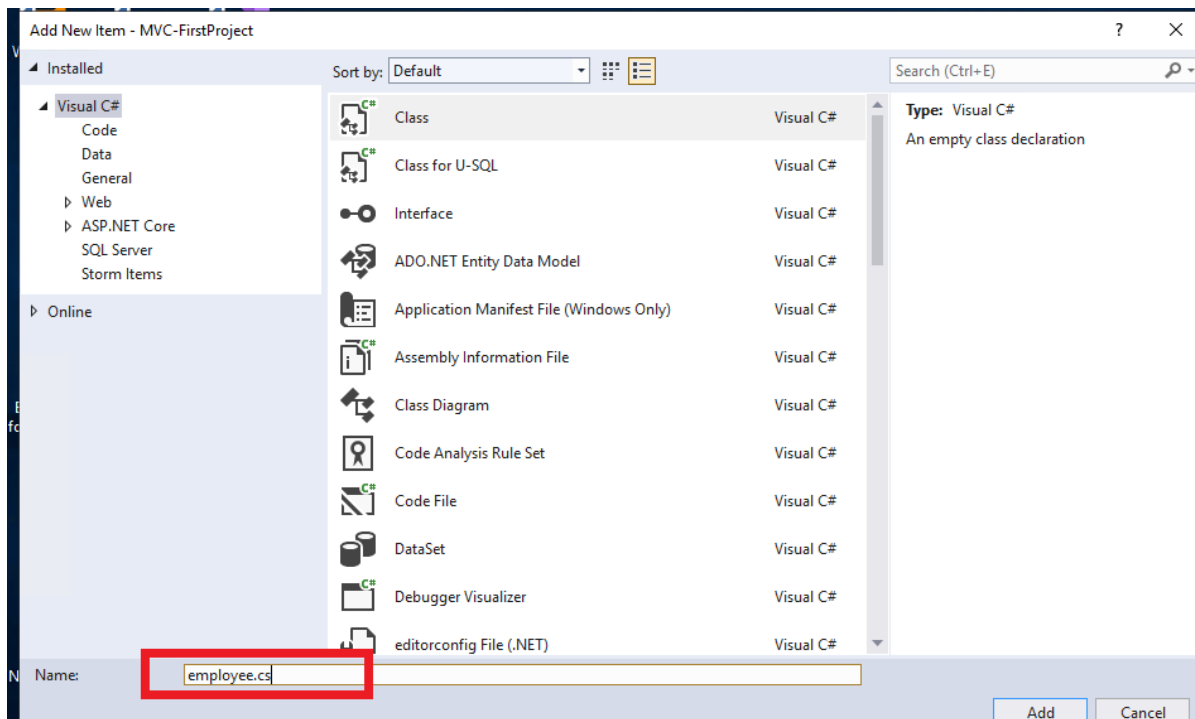
Back Create

Activate Windows

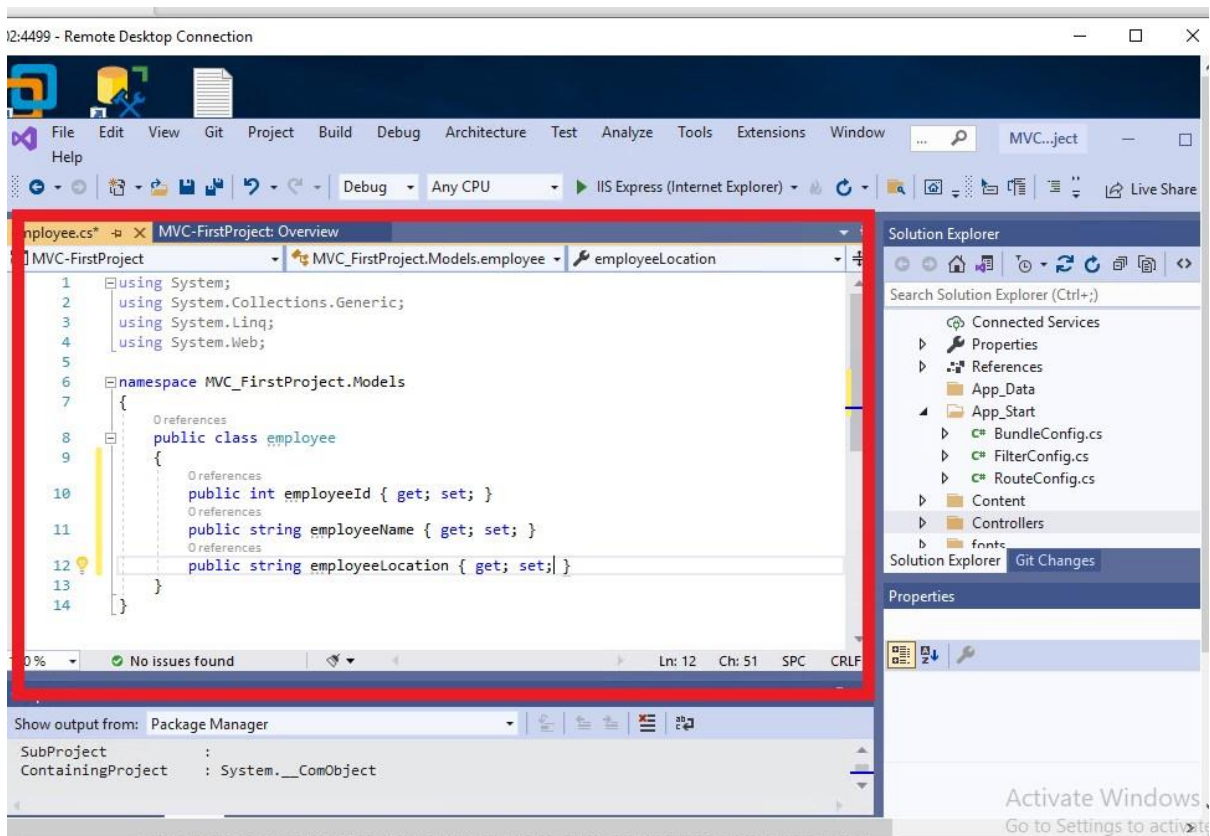
We will get Interface as Shown below which contains sample code



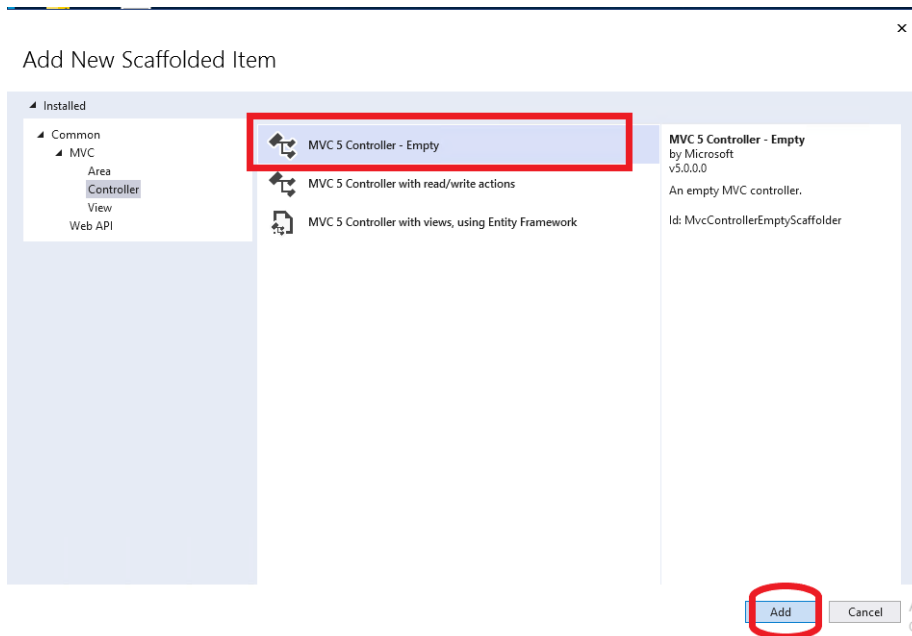
Create Models, Controllers and Views



We are Filling our data MVC Project Data



Controller,




```
1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Web;
5  using System.Web.Mvc;
6  using MVC_Project_0404.Models;
7
8
9  namespace MVC_Project_0404.Controllers
10 {
11     public class EmployeeController : Controller
12     {
13         // GET: Employee
14         public ActionResult EmployeeInfo()
15         {
16             Employee employee=new Employee()
17             {
18                 EmployeeId = 214505
19                 EmployeeName = "Kosuri Gopi Chand"
20                 EmployeeLocation = "Bengaluru"
21             };
22
23             return View(employee);
24         }
25     }
26 }
```

ects loaded and ready to use
ground tasks are still running.

00% No issues found

Ln: 16 Ch: 30 SPC CRLF

Views,

EmployeeController.cs Employee.cs EmployeeInfo.cshtml

```
1  @model MVC_FirstProject1.Models.Employee
2  @
3  ViewBag.Title = "EmployeeInfo";
4  Layout = "~/Views/shared/_Layout.cshtml";
5
6  <style>
7  table
8  {
9      font-family:Arial,sans-serif;
10     border-collapse:collapse;
11     width:100%
12 }
13 td, th
14 {
15     border: 1px solid #dddddd;
16     text-align: left;
17     padding:8px;
18 }
19 </style>
20 <h3> Employee Information</h3>
21
22 <table>
23 <tr>
24 <th>EmployeeId</th>
25 <th>EmployeeName</th>
26
```

100% No issues found

Ln: 10 Ch: 34 SPC CRLF

Solution Explorer

- Solution 'MVC-FirstProject1' (1 of 1 project)
- MVC-FirstProject1
 - Connected Services
 - Properties
 - References
 - App_Data
 - App_Start
 - Content
 - Controllers
 - fonts
 - Models
 - Employee.cs
 - Scripts
 - Views

Error List

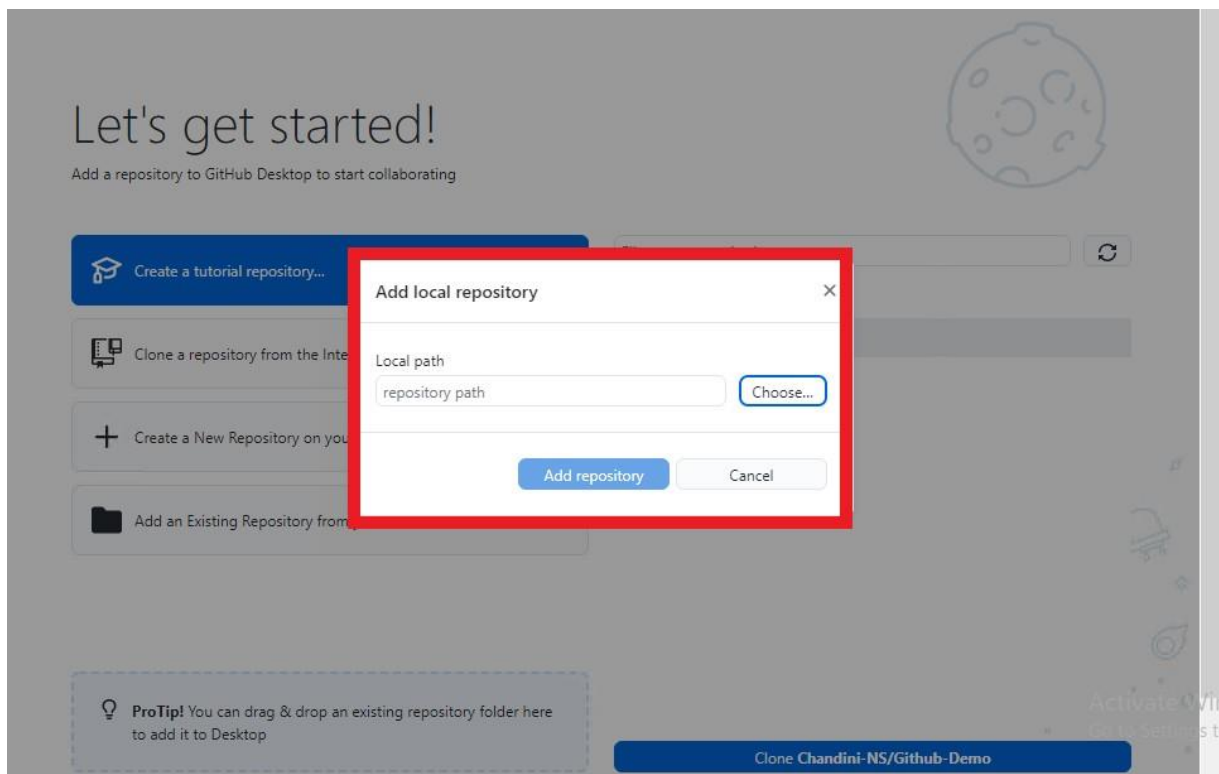
Entire Solution 0 Errors 0 Warnings 0 Messages Build + IntelliSense

Search Error List

Code	Description	Project	File	Line	Suppression State
------	-------------	---------	------	------	-------------------

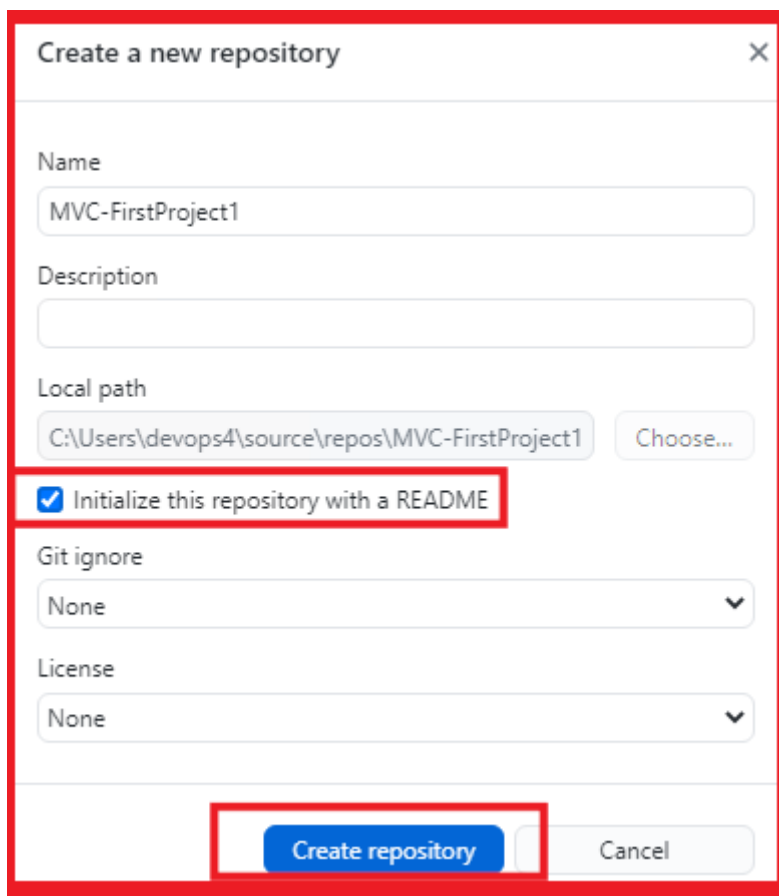
Activate V
Go to Setting

- You will get a result like Employee name , Location and Employee id .



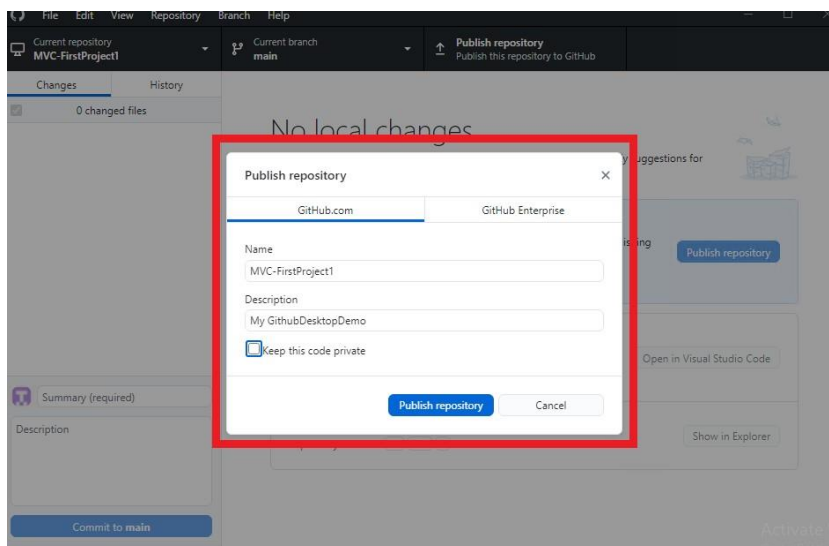
Here, we can add our local files into repository

We are Giving a Name for our repository and enabling README File

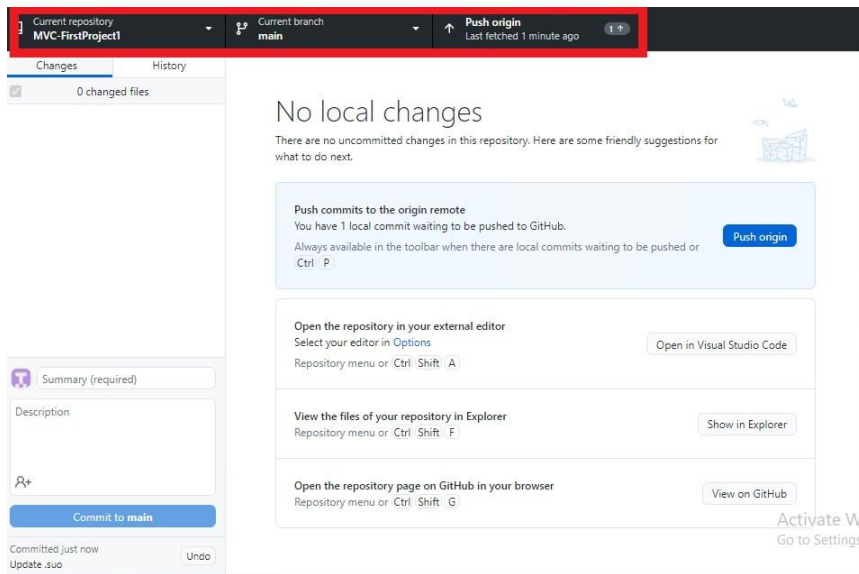


The screenshot shows the 'Create a new repository' dialog box. The 'Name' field is filled with 'MVC-FirstProject1'. The 'Description' field is empty. The 'Local path' field shows 'C:\Users\devops4\source\repos\MVC-FirstProject1' with a 'Choose...' button next to it. The checkbox 'Initialize this repository with a README' is checked and highlighted with a red box. The 'Git ignore' dropdown is set to 'None'. The 'License' dropdown is also set to 'None'. At the bottom, the 'Create repository' button is highlighted with a red box, next to a 'Cancel' button.

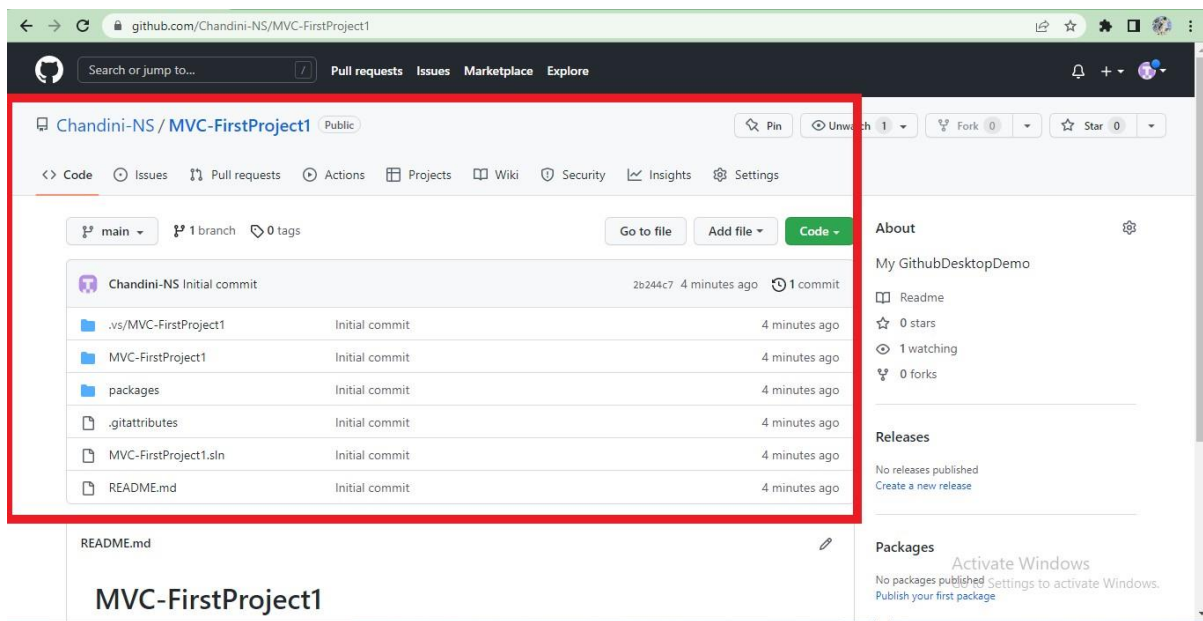
Publish Repository Used to push our code into Github



The screenshot shows the 'Publish repository' dialog box over a blurred background of the GitHub Desktop interface. The dialog has two tabs: 'GitHub.com' (selected) and 'GitHub Enterprise'. The 'Name' field is 'MVC-FirstProject1' and the 'Description' field is 'My GitHubDesktopDemo'. The checkbox 'Keep this code private' is checked. The 'Publish repository' button is highlighted with a red box, next to a 'Cancel' button.



Step 18: Now, Our Sample code has been pushed or published into Github



Sample code has been pushed from Local Repository to Github Using Github Desktop