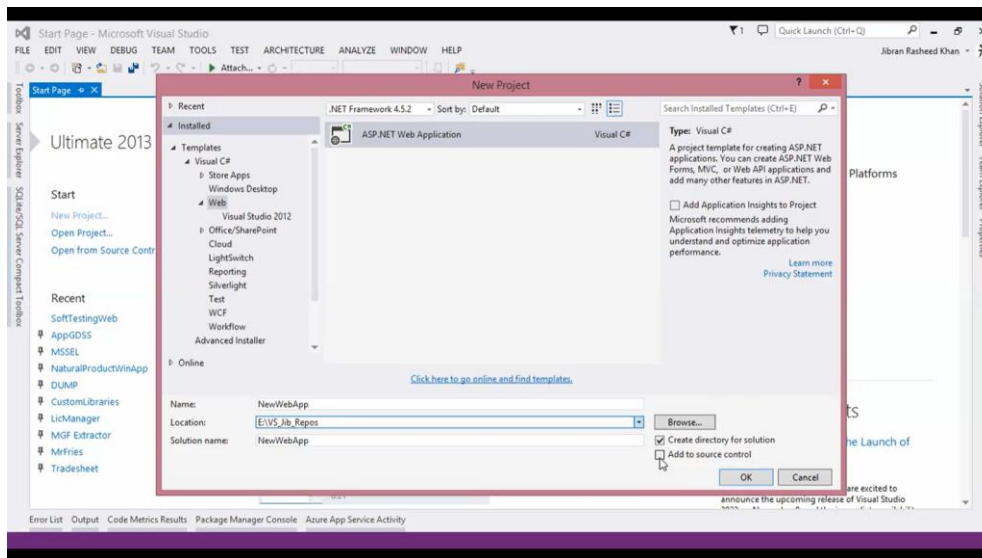
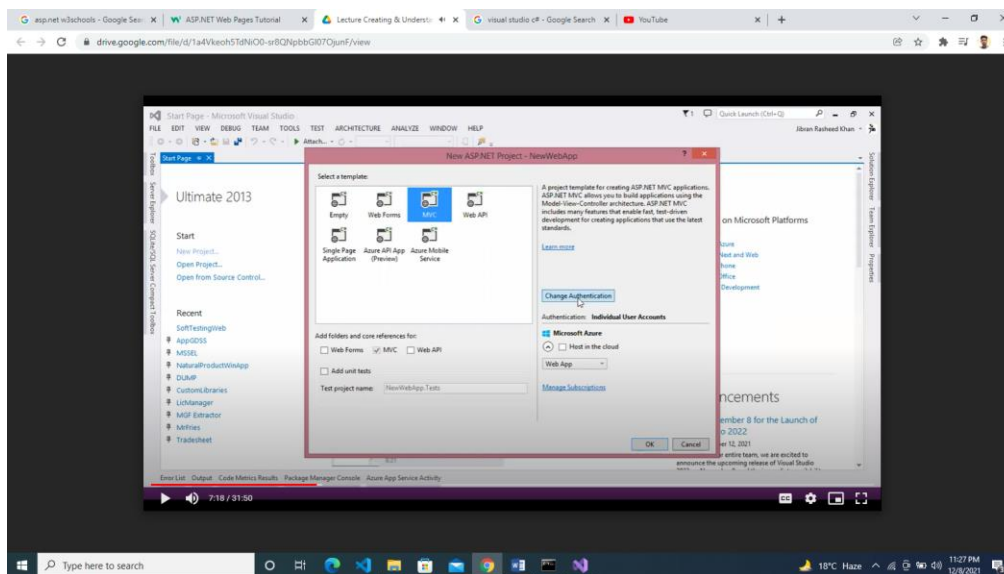


ASP.NET:

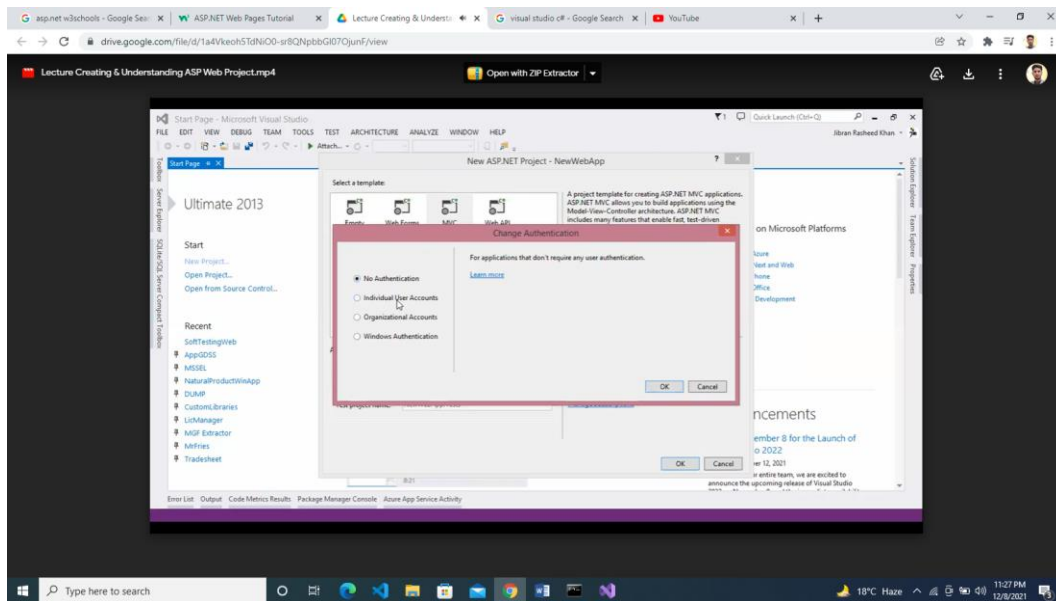
Open project list of type of projects:



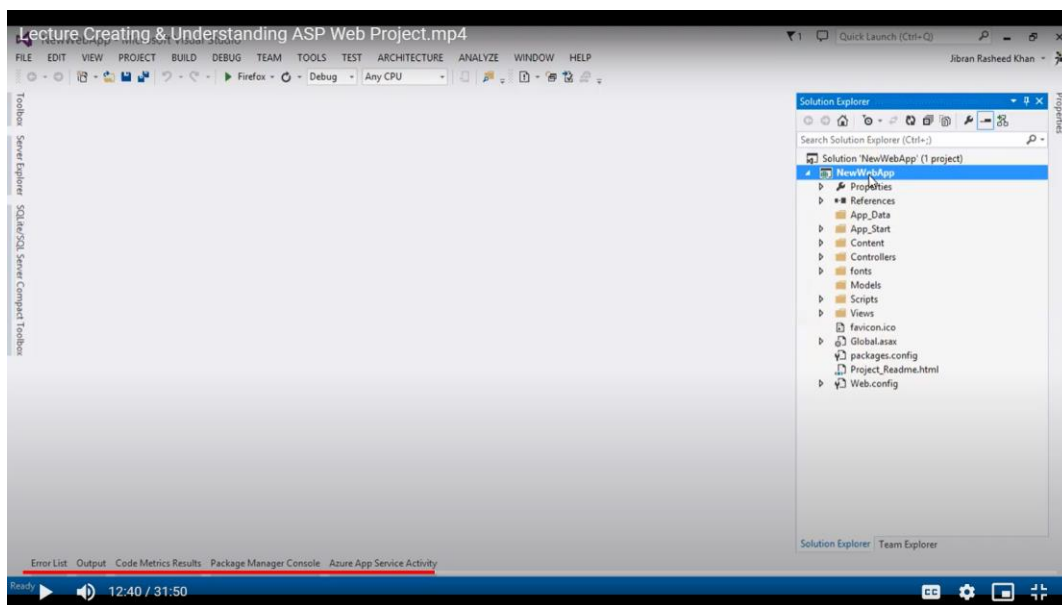
- Add to source (for preventing data loss)
- In this we have two ways (link with the github and team foundation server)
- In TFS 5 person team is possible (you have to pay if you want more than 5).



Authentication process:



Folders Hierarchy:



In **properties**: Project information (title, copyright info ...)

References (Module, libraries, framework)

Appdata (local databases(sql lite) , xml file, data related files)

App start (application initials, bundleconfig, authentication config)

Content (files css, images, icon , subfolders)

Controller (by def Home controller, whenever req comes it manages by controller).

Fonts (account type, icons)

Model (database related classes) in multi layers architecture.

Built db classes are created in model.

Script (js files, bootstrap, jquery)

Views (html pages, controller creation like about page it create about in views.)

In Views: Share (kind of master layout (sub layout)).

Web configs (mvc version, assembly information, connection string build karta wo bhi aajayege).

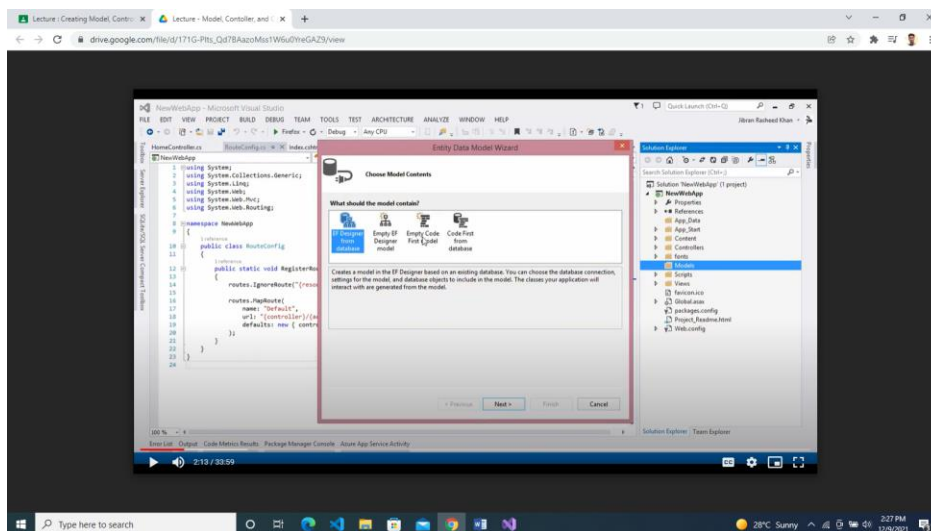
Important file (tells version, framework...)

Package Config(website containing packages)

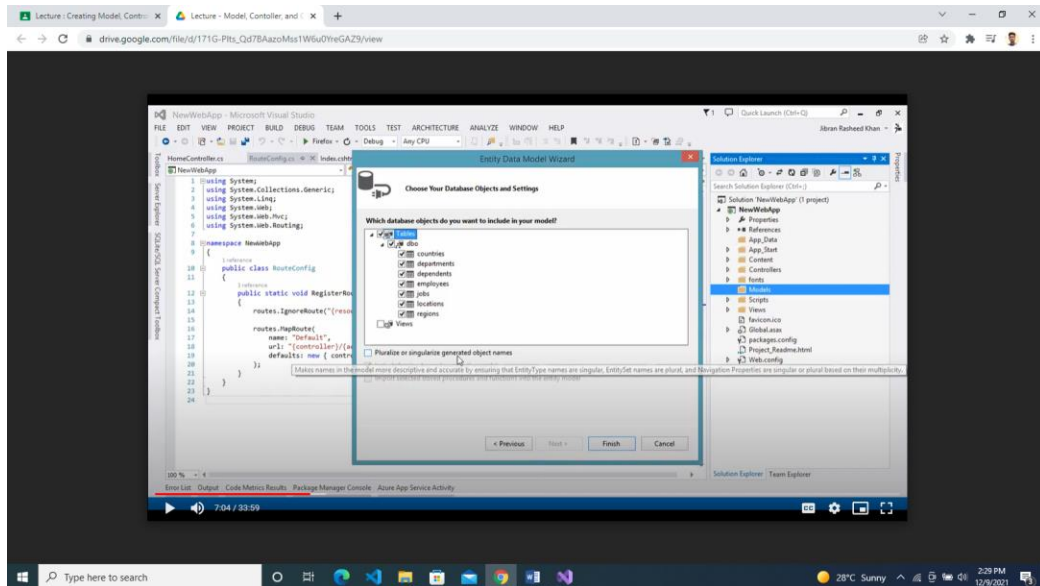
Global asax (configuration define).

Creating Database:

Models -> newItem -> ADO .NET ENTITY DATA MODEL->

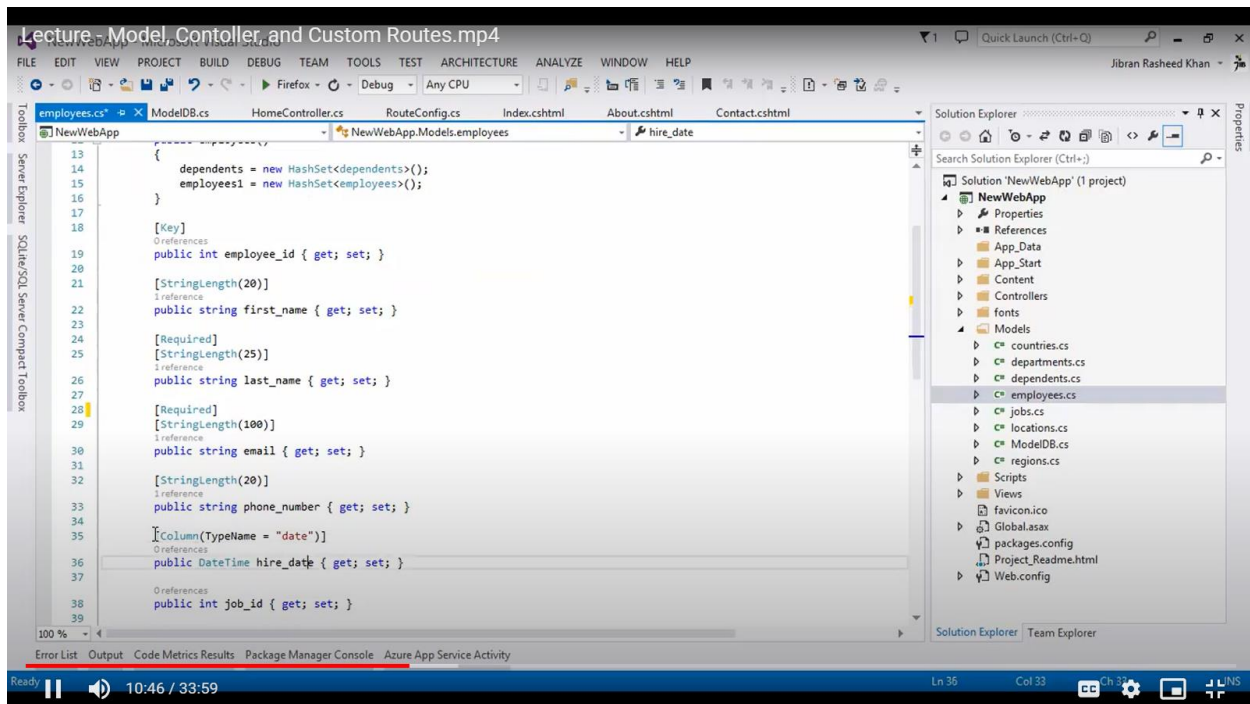


Code First DB ->



Tables style => all plural or all singular (countries...)

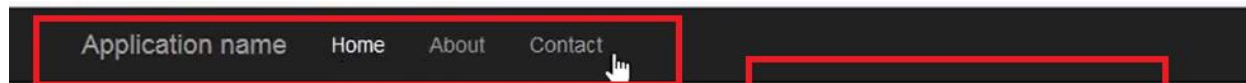
After finish this it will create classes.



Datatype, null or nullable fields, length of string.

```
<div class="container">
  <div class="navbar-header">
    <button type="button" class="navbar-toggle" data-toggle="collapse" data-target=".navbar-collapse">
      <span class="icon-bar"></span>
      <span class="icon-bar"></span>
      <span class="icon-bar"></span>
    </button>
    <@Html.ActionLink("Application name", "Index", "Home", new { area = "" }, new { @class = "navbar-brand" })>
  </div>
  <div class="navbar-collapse collapse">
    <ul class="nav navbar-nav">
      <li><@Html.ActionLink("Home", "Index", "Home")></li>
      <li><@Html.ActionLink("About", "About", "Home")></li>
      <li><@Html.ActionLink("Contact", "Contact", "Home")></li>
      <li><@Html.ActionLink("Employee", "Index", "employees")></li>
    </ul>
  </div>
</div>
</div>
<div class="container body-content">
```

Jis type ka controller usse k
a/c yaha entry hogye.



Pehle ye tabs arhe the



Now

Index

Create New

department_name	first_name	job_title	first_name	last_name	email	phone_number	hire_date	salary	employee_code
Executive		President	Steven	King	steven.king@sqltutorial.org	515.123.4567	17-Jun-87 12:00:00 AM	24000.00	Edit Details Delete
Executive	Steven	Administration Vice President	Neena	Kochhar	neena.kochhar@sqltutorial.org	515.123.4568	21-Sep-89 12:00:00 AM	17000.00	Edit Details Delete
Executive	Steven	Administration Vice President	Lex	De Haan	lex.de.haan@sqltutorial.org	515.123.4569	13-Jan-93 12:00:00 AM	17000.00	Edit Details Delete

Routes:

Default routes custom routes k neeche he ayege kyu k wo problem create krega wo direct default he dikhaega agr top pr he DR ho.

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;
using System.Web.Routing;

namespace NewWebApp
{
    public class RouteConfig
    {
        public static void RegisterRoutes(RouteCollection routes)
        {
            routes.IgnoreRoute("{resource}.axd/{*pathInfo}");

            routes.MapRoute(
                name: "Contact",
                url: "Contact/{id}",
                defaults: new { controller = "Home", action = "Contact", id = UrlParameter.Optional }
            );

            routes.MapRoute(
                name: "Default",
                url: "{controller}/{action}/{id}",
                defaults: new { controller = "Home", action = "Index", id = UrlParameter.Optional }
            );
        }
    }
}
```

CUSTOM ROUTES

DEFAULT ROUTES

Solution Explorer: NewWebApp (1 project)

- Properties
- References
- App_Data
- App_Start
 - BundleConfig.cs
 - FilterConfig.cs
 - RouteConfig.cs
- Content
- Controllers
- fonts
- Models
- Scripts
- Views
- favicon.ico
- Global.asax
- packages.config
- Project_Readme.html
- Web.config

Good practice is not to expose controller in url.

localhost:3035/Employee

Application name Home About Contact Employee

Index

Create New

department_name	first_name	job_title	first_name	last_name	email	phone_number	hire_date	salary	employee_code
Executive		President	Steven	King	steven.king@sqltutorial.org	515.123.4567	17-Jun-87 12:00:00 AM	24000.00	Edit Details Delete
Executive	Steven	Administration Vice President	Neena	Kochhar	neena.kochhar@sqltutorial.org	515.123.4568	21-Sep-89 12:00:00 AM	17000.00	Edit Details Delete
Executive	Steven	Administration Vice President	Lex	De Haan	lex.de.haan@sqltutorial.org	515.123.4569	13-Jan-93 12:00:00	17000.00	Edit Details Delete

```
routes.MapRoute(
    name: "Contact",
    url: "Contact/{id}",
    defaults: new { controller = "Home", action = "Contact", id = UrlParameter.Optional }
);

routes.MapRoute(
    name: "Employee",
    url: "Employee/{id}",
    defaults: new { controller = "employees", action = "index", id = UrlParameter.Optional }
);

routes.MapRoute(
    name: "Default"
```

