SQL

Stored Procedure

Group of sql statements and stored in a database

Web APIs

Business logic and data access behind interface where anything can use

Web API application using visual studio

Web API work hand in hand with MVC

VS has an option for modifying authentication at startup

Initializes Values Controller

Contains 4 files in App\_Start with WebApiConfig

API in general makes applications communicate with each other by rendering http requests by the user such as get, post, put, delete.

Values Controller

Postman?

Postman is **an application that allows us to test APIs utilizing a graphical user interface**

Steps

Create web api mvc app

Create new web api controller

RESTFUL API?

Post http

For sending data, we need to populate the **body** to send data

Demo 45 mins – cant store sent data due to Get being called again to instantiate the api values. That’s why httpcalls are mainly for updating the view during runtime without interfering with the display. Although it is possible to save the sent api data thru post by storing it to DB

Sending api data

Get – thru URLs e.g. site.com/api/people/1?Firstname=Tim&LastName=Corey

-using get to send data is not advisable cuz URLs are limted to 200 characters

Post – Thru Body

Publishing?

Deployment to web servers?

Publish the application either in azure app server, folder, IIS

If folder, then it will output published files

Published files will then should be uploaded to the webservers

June 2

c-sharpcorner.com/article/ajax-in-asp-net/

Try dis

Try integrating with the free purple site api(forgot name)