# Make MVC Web App

# Remove all files, leave folders

# Add Controller

* name it Home
* in Index add ViewBag place holders for Model (optional)

# Add view

* name Index
* uncheck use Layout
* Add HTML to body

# Configure and Run for initial test

* Startup.cs: verify (or add) endpoint
* Run in debug
* Verify in browser
* End run to continue developing

# Add Model

* Add new C# class
  + Apply business logic to C# class

Add View Imports

* Add new file Razor View Imports
* In \_ViewImports.cshtml
  + @using WebAppName.Models
  + @addTagHelper \*, Microsoft.AspNet.Mvc.TagHelpers

# Update View

* In Index.cshtml
  + @Model
  + Add form –make sure to use asp-action and method in form tag!
  + Add labels, input, etc
* Handle POST/GET
  + Overload Index with model
  + Don’t forget [HttpGet] method tags for Index() and [HttpPost] method tag for Index(Model)
* Remove placeholders (if applicable)
* Create controls (buttons, input, etc) to gather and print info

# Validate User input

* Update model with validation attribute and message about error
* Update view <div asp-validation-summary=”All”></div>
* Update controller if (ModelState.IsValid) { perform action } else { set defaults }