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Activity 2

Graphical user interface, text, application

Description automatically generated

This demonstrates creating a default index page people will land on with just the directory name ‘products’ in the url. The controller automatically calls the index method when no argument is given past ‘/products/’ or ‘/products/index’. You can change this by changing the endpoints pattern in the startup.cs file

Graphical user interface, text, application

Description automatically generated

This is demonstrating returning a string from a controller, rather than returning an already made view. This can be really useful for things such as debugging, where you can print out error codes or log information onto the page itself.

Graphical user interface, text, application

Description automatically generated

This demonstrates a typical controller sending the user to a page after receiving a url.

Graphical user interface, text, application, website

Description automatically generated

This demonstrates displaying variable data, set within the controller, on the view itself using ViewBags.

Some of the key concepts here include calling methods within a controller, which then return a view that is shown on screen. That one concept itself is the View and Controller part of the MVC (Model, View, Controller) design pattern. Another concept would be that the controllers can return more than just views, such as strings or JSON data. When returning a view, it returns the file that has the name of the view specified.