Quick Reference Guide 7

**Testing your Web API endpoints**

**Running your Web API**

1. In the CLI, type *dotnet run* to run your Web API.
2. The CLI will output a localhost that your API will run on, for example:

*Now listening on: https://localhost:<port number>*

Copy the localhost URL and proceed to test your Web API using Thunder Client or a Web Browser

**Using Thunder Client**

1. Click on the Thunder Client symbol on the activity bar (on the left hand side of the Visual Studio Code window)
2. Click on “New Request”
3. Paste the localhost URL into the address bar of the Thunder Client request and type in the endpoint you’re testing, for example:

*https://localhost:<port number>/endpoint*

1. Enter any parameters and values needed into the text box below the address bar
2. Click on “Send” to send the request and test your Web API endpoints

**Using a Web Browser**

1. Open a new tab in your Web Browser
2. Paste the localhost URL into the address bar of the Web Browser and type in the endpoint you’re testing, for example:

*https://localhost:<port number>/endpoint*

1. Enter any parameters and values needed into the address bar using ?parameter1=value1&parameter2=value2

Your address bar should look like the following example:

*https://localhost:<port number>/endpoint?parameter1=value1&parameter2=value2*

1. Hit “Enter” on your keyboard to send the request and test your Web API endpoints