# Introduction

This document provides details on how to run the sample application

## Running the project

For running this project, please follow the below steps.

1. Open the Web API in Visual Studio and run the WebAPI. Once the API is running successfully in localhost, we can start running the Angular application.
2. If you don’t have Node.js installed in your machine, please ensure that it is installed on your machine
3. Make sure that the angular and npm is installed in the machine. Below link will have the details of how to setup angular in new machine - <https://angular.io/guide/setup-local>
4. Once angular and npm is installed, open the app in visual studio code and run the below commands in integrated terminal. ( We can use command prompt also to run the below commands )

4.1) npm install

4.2) ng serve

1. ng serve command will run the angular application and the grid will be displayed with data reading from database.

Note:

I didn’t get much time to complete all the unit testing scenarios. But I still added few unit test with mocking for both Angular and .Net Core application

Tests can be found in

.Net Core: ProductsControllerTests

Angular : product-data-http.service.service.spec.ts

## Technologies Used

* Angular
* Typescript
* Jasmine
* C#
* .Net Core
* SQLLite(database)