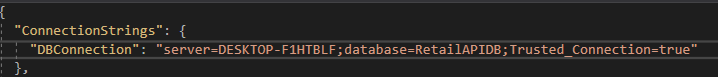
**CODE SETUP DETAILS**

1. Copy the code to your local folder.
2. Change DB connection string in appsettings.json file as shown below



1. Make sure below nuget packages are available in Project (Dependencies-> Packages) folder as shown below

Text

Description automatically generated

1. From package manager console run below commands to generate DB with tables and seed data
2. Add-Migration InitialCreate
3. Update-Database
4. Run below Procedure in Database

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: <Author,,Name>

-- Create date: <Create Date,,>

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE GetProductCount

AS

BEGIN

SET NOCOUNT ON;

-- Insert statements for procedure here

SELECT Statuses.StatusName,count(1) AS ProductCount

From Products Inner Join Statuses On Products.StatusID=Statuses.StatusID

group by Statuses.StatusName

END

GO

1. Run the code

**API DETAILS**

1. Once the code is run, below screen will be displayed to test API methods

Graphical user interface, application, email

Description automatically generated

1. JWT authentication is implemented for this API and the credentials are as follows:

**{**

**"username": "retailapi",**

**"password": "Retailapi123"**

**}**

1. Execute “login” API method by providing credentials as specified in point2, to generate token as below : Text

   Description automatically generated
2. Rest of the API methods will require token generated in step 3 to execute. Provide the token as “Bearer {token} “ in Authorize option and then execute the methods.
3. “/api/Products/GetProducts” will give details pertaining to products
4. “/api/Status/GetStatus” will give details pertaining to status
5. “/api/Products/GetProductsCount” will give count of the number of products sold, damaged and inStock
6. “/api/Products/SellProduct/{ProductID}” will Sell a product by providing ‘ProductID’ as input parameter
7. “/api/Products/UpdateProductStatus/{ProductID}/{StatusID}” will change status of a product by providing ‘ProductID’ and ‘StatusID’ as input parameters