Data Setup and Configuration:

1. During the initial launch of the webapi project, it will check whether a database named “amazingco.db” has been created at the root directory of the api project, otherwise it will create a new database of this name.
2. There will be four tables in the created database.
3. The initial data are stored in json files at the following directory “AmazingCoDemo\API\Data\InitData”.
4. To modify the promotions, we can configure the Promo table either
    a. using insert/update sql scripts
    b. or modifying the “promos.json” file, then dropping the db via “dotnet ef database drop” command in terminal while in API directory, and re-running the web api application.

Running the Application

1. Open the solution file in Visual Code editor to load the API and the Client project.
2. In the vs code terminal, go to folder “AmazingCoDemo\API\”, and serve the web api project with “dotnet run” command.
3. The web api, will have the following api calls available:

    a) Get method: https://localhost:5001/api/packages
    -This will return the list of packages available.

    b) Post method: https://localhost:5001/api/promos/applyPromo
    -This will need a json request body with the following format:


```
[
  {
    "packageId":3,
    "packageName":"",
    "price":800,
    "imgURL":"",
    "quantity":1
  },
  {
    "packageId":4,
    "packageName":"",
    "price":110,
    "imgURL":"",
    "quantity":4
  },
  {
    "packageId":1,
    "packageName":"",
```

```
    "price":220,
    "imgURL":"",
    "quantity":5
  }
]
```

-This will return the following response body:

```
[
  {
    "packageId": 4,
    "addedQuantity": 2,
    "discountedPrice": 0
  },
  {
    "packageId": 1,
    "addedQuantity": 0,
    "discountedPrice": 44
  }
]
```

4. Open another terminal in vs code, and go to the folder “AmazingCoDemo\DemoClient”, and serve the client project with the “ng serve” command.

5. In the browser, set the url to https://localhost:4200/ to view the application.