**Day 3 Lab Assignments**

1. Make a custom pipe “CheckImage” to use it with [src] attribute binding for images, that takes a parameter “DefaultImgURL”, if the original image URL is empty string, and use it with the products images. It should be used like the following:

<Img [src]=”imageURL | CheckImage” \>

1. Make a custom pipe “CutText” that can be applied to text ‘long string’ and take a number of characters to display and return the new text.

<p> {{description | CutText : 20}}

2. Add routing to your Project:

a. add the following links and components:

i) Products (use Your Product Service)

ii) About us (static page with any data)

iii) Contact us (static page with any data)

iv) Cart (that opens the Shopping cart component).

v) Default route, when user writes no route, redirects to /home route vi) A Component to handle any wrong routes that when a user writes a route that doesn't exist (Wildcard route).

3. Add a route ‘products/:id’ that takes and id and display the given product details