# Machine Test

1. Create a small angular2+ or ionic ecommerce listing app with 2pages. The homepage should hold the categories of four items viz. 'Vegetables', 'Groceries', 'Fruits' and 'Beverages'. They should use cards with good CSS/SCSS and must include icons. Use icons from 'www.flaticons.com'. Each card has to be a separate custom component. Clicking on them will take to the next page 'products/<type>' where type is any of the four mentioned.

   The second page should have the route with path 'products' and a compulsory parameter 'type' which will be any of the types mentioned above. You have to detect the type by reading the route, then display the products of the specific type.
   For Eg: If the type is 'vegetables', display the list of few vegetables with photos. Use same sized photos. You can either download or use image links from Google Images.
   Each product should be a single custom reusable component. It should compulsorily display image, price, title, 'Add To Cart" button and description. Description can be Lorem Ipsum text. When clicked on the add button, it should console log the product object.
   Not to mention, the products would be an array of product objects that you have to loop through to display. The typescript should use type for each data. The productList should make use of an interface.  The interface can be like <Array<Product>> where interface of product is,
   {
           title: string;
           price: number;
           description: string;
           image: string
   }

2. The app header should have a logo of your choice for the shop and name on left, a searchbar .
   i.       In the searchbar, typing anything should console log that.
   ii.      The header bar should have a background of 'grey'.
   iii.     In the task 1, when navigating to product list page with a particular type,  change the header background color to a specific one given below.

   colorObject = {

           "vegetables": "green",

           "fruits":  "yellow",

           "grocery": "turquoise",

           "beverages": "orange"

   }

It will be best if you keep the color object in product list page and by detecting the specific type there, use a service to communicate with header component to change the color.

**Note:** A clean UI and coding standard is expected. It is a relatively easy challenge but we want to see your coding style and if you follow best practices.

**Scopes:** You can use any css library but bootstrap or ionic cdn will be better if you are not using an ionic project already. You can use angular material as well.