## **Lab Assignments**

- 1. Compete to do list task(add to list and remove)
- 2. Create the following components, and add them to your root component:
  - a. The components structure should be as the following:
    - i) App Component (Root Component)
      - (1) Header
      - (2) Main
        - (a) Products
      - (3) Footer
  - b. Component named header, that will be displayed in page header, which has:
    - i) Photo banner
      - (1) Add it in the assets folder.
      - (2) Add a property in the component class, and use property binding to display it in the header.
  - c. Component named footer, and display it in the page footer.
  - d. Component named "main" and leave it empty
    - i) Component named Products to be displayed in the body, make it empty for now, and add it to the main product.
  - e. Review the app.module, and see how the components you created were added in imports and in declaration in @ngmodule decorator function.
  - f. Create New folder in the app folder (Name it: Models=> Classes and types), and create the following inside it:
  - g. Interface named IProduct, which has:
    - i) ID of type number.
    - ii) Name of type string
    - iii) Quantity Of type number.
    - iv) Price of type number.
    - v) Img of type string
- 3. In the product component:
  - a. In the Component class, add the following properties:
    - (1) Property "ProductList" which is an array of IProduct.
  - b. In the constructor initialize the previous properties with any suitable values. <a href="https://drive.google.com/file/d/1Nsuj6yHBk6v-OAUMmYh17oFJ39Snj8IP/view?usp=sharing">https://drive.google.com/file/d/1Nsuj6yHBk6v-OAUMmYh17oFJ39Snj8IP/view?usp=sharing</a>

