

1. Create Angular App and generate required components with Angular Routing.

- A page with 4 routes (Home, Customers, Products, and Login)
- Should be able to navigate to the page assigned to each route
- If route is invalid it should redirect to page not found page
- Login page should have a Template Driven form with username and password fields with validation
- In Customers page fetch the data from the given JSON file and display in table format.
- In Products page fetch the data from the given JSON file and display using bootstrap cards

2. Create an angular service for performing crud operation on the given API

- A page with 4 routes (Home, Add Posts, and Posts)
- One Angular service should have GET, POST, PUT and DELETE http methods and Observables.
- Use this RESTful API <https://jsonplaceholder.typicode.com/posts> and get the posts and display in Posts page in table format with update and delete options.
- In Add Posts page have a Reactive form with validations to add posts and the added posts should be updated in Posts page.

customers.json

```
[
  {
    "name": "Rajasekhar",
    "email": "rajasekhar@gmail.com",
    "phone": 8865456767
  }, {
    "name": "Abhilash",
    "email": "abhilash@gmail.com",
    "phone": 9876543212
  }, {
    "name": "Chandan",
    "email": "chandan@gmail.com",
    "phone": 8765434354
  }, {
    "name": "Sanjay",
    "email": "sanjay@gmail.com",
    "phone": 6785678455
  }, {
    "name": "Subramaniam",
    "email": "subramaniam@gmail.com",
    "phone": 8776788767
  }
]
```

products.json

```
[
  {
    "name": "Iphone",
    "image": "https://cdn.pixabay.com/photo/2016/11/29/05/08/apple-1867461__340.jpg",
    "price": 42999
  }, {
    "name": "Macbook",
    "image": "https://cdn.pixabay.com/photo/2014/05/02/21/50/home-office-336378__340.jpg",
    "price": 59999
  }, {
    "name": "Canon DSLR",
    "image": "https://cdn.pixabay.com/photo/2017/04/22/10/44/camera-2251051__340.jpg",
    "price": 31999
  }, {
    "name": "Boat Headset",
    "image": "https://cdn.pixabay.com/photo/2015/03/26/09/58/headphones-690685__340.jpg",
    "price": 1599
  },
  {
    "name": "Virtual Reality Play",
    "image": "https://cdn.pixabay.com/photo/2017/02/10/14/10/virtual-2055227__340.png",
    "price": 6299
  }
]
```