Assignment

For Senior / Resources having SpringBoot Experience:

Question-1: Create a SpringBoot application using the SpringBoot project template
(https://github.com/spring-projects/spring-boot) and ensure that below features exist:
1. Create REST API to All hospitals in attached Json file
2. Create REST API to get Hospital by code
3. Create REST API to get Hospital by name and then by state name
4. Create REST API to get Hospitals by Hospital Type (then by name)

Please note that you need to store below json into a file and read this file dynamically. It must be part of your executable Jar.
Use coding best practices as much as possible

```
[
  {
    "hospid": "HOSP23G108570",
    "hospname": "REGIONAL HOSPITAL KOTMA COLLIERY",
    "statecode": "23",
    "state": "MADHYA PRADESH",
    "districtid": "390",
    "district": "ANUPPUR",
    "hospcontactno": "9407146406",
    "hospaddress": "REGIONAL HOSPITAL KOTMA COLLIERY",
    "hosptype": "Public"
  },
  {
    "hospid": "HOSP23G100602",
    "hospname": "COMMUNITY HEALTH CENTER VENKATNAGAR",
    "statecode": "23",
    "state": "MADHYA PRADESH",
    "districtid": "390",
    "district": "ANUPPUR",
    "hospcontactno": "9406775224",
    "hospaddress": "423,venkatnagar river,post- jaitehri",
    "hosptype": "Public"
  },
  {
    "hospid": "HOSP23G100450",
    "hospname": "CHC FUNGA",
    "statecode": "23",
    "state": "MADHYA PRADESH",
    "districtid": "390",
    "district": "ANUPPUR",
    "hospcontactno": "9406775224",
    "hospaddress": "GRAM FUNGA",
    "hosptype": "Public"
  },
  {
    "hospid": "HOSP23G100424",
    "hospname": "COMUNITY HEALTH CENTER PARASI",
    "statecode": "23",
    "state": "MADHYA PRADESH",
```

```json
    "districtid": "390",
    "district": "ANUPPUR",
    "hospcontactno": "9406775224",
    "hospaddress": "GRAM PARASI, LATAR ROAD",
    "hosptype": "Public"
  },
    {
      "hospid": "22020025",
      "hospname": "PRIMARY HEALTH CENTRE SANKARA",
      "statecode": "22",
      "state": "CHHATTISGARH",
      "districtid": "646",
      "district": "BALOD",
      "hospcontactno": "9826643061",
      "hospaddress": "SANKRA J",
      "hosptype": "Private"
  },
    {
      "hospid": "22020026",
      "hospname": "MAX HEALTH CARE SANKARA",
      "statecode": "22",
      "state": "CHHATTISGARH",
      "districtid": "646",
      "district": "BALOD",
      "hospcontactno": "9826643061",
      "hospaddress": "SANKRA J",
      "hosptype": "Private"
  },
    {
      "hospid": "22020033",
      "hospname": "PHC KURDI",
      "statecode": "24",
      "state": "RAJASTHAN",
      "districtid": "649",
      "district": "PALI",
      "hospcontactno": "9479057739",
      "hospaddress": "PHC KURDI",
      "hosptype": "Public"
    }
]
```