

Coding task

The following task should take no more than 2 hours to complete.

Description

You need to implement the REST API endpoint as a new Spring Framework application.

```
GET http://localhost:8080/api/zip_resolver?zip=11211
```

Endpoint should output list of counties (regions):

```
[
  {
    "county": "STRING",
    "state": "2 CHAR CODE"
  }
]
```

Application should work in 2 different modes, **production** and **staging** defined over standard Spring tools.

Production:

User should be able to request to your REST endpoint:

```
GET http://localhost:8080/api/zip_resolver?zip=40361
```

The data should be resolved from open 3rd party REST API:

```
GET https://app.zipcodebase.com/landing_demo/?codes=40361&country=US
```

```
Authority: app.zipcodebase.com
origin: https://zipcodebase.com
referer: https://zipcodebase.com/
```

Zipcodebase.com response:

```
{
  "query": {
    "codes": [
```

```

        "40361"
      ],
      "country": "US"
    },
    "results": {
      "40361": [
        {
          "postal_code": "40361",
          "country_code": "US",
          "latitude": "38.20830000",
          "longitude": "-84.24500000",
          "city": "Paris",
          "state": "Kentucky",
          "city_en": "Paris",
          "state_en": "Kentucky",
          "state_code": "KY",
          "province": "Bourbon",
          "province_code": "017"
        }
      ]
    }
  }
}

```

The valid response from your REST endpoint:

```

[
  {
    "county": "Bourbon",
    "state": "KY"
  }
]

```

Staging

User should be able to request to your REST endpoint:

```
GET http://localhost:8080/api/zip_resolver?zip=40361
```

Your application should respond with the hard coded response:

```

[
  {

```

```
"county": "Kings",  
"state": "NY"  
}  
]
```