

Module 6: Web Services

Assignment

edureka!

edureka!

© Brain4ce Education Solutions Pvt. Ltd.

Assignment:

→ "Using <https://openweathermap.org/api> get current weather info from server and print it on screen. API KEY - ebfcac32bda131ed5a160f2757938396

Sample URL:

<http://api.openweathermap.org/data/2.5/weather?q=mumbai&AppID=ebfcac32bda131ed5a160f2757938396>

```
{
  "cod": "200",
  "message": "0.0032",
  "city": {
    "id": 1851632,
    "name": "Shuzenji",
    "coord": {
      "lon": 138.933334,
      "lat": 34.966671
    },
    "country": "JP"
  },
  "cnt": 10,
  "list": [
    {
      "dt": 1406080800,
      "temp": {
        "day": 297.77,
        "min": 293.52,
        "max": 297.77,
        "night": 293.52,
        "eve": 297.77,
        "morn": 297.77
      },
      "pressure": 925.04,
      "humidity": 76,
      "weather": [
        {
          "id": 803,
          "main": "Clouds",
          "description": "broken clouds",
          "icon": "04d"
        }
      ]
    }
  ]
}
```

→ Map following fields with model objects using Gson and display the same on UI.

1) lat

2) lon

3) country

4) description

5) temp

6) humidity

7) temp_min

8) temp_max

9) speed

10) deg

11) dt

12) name

edureka!