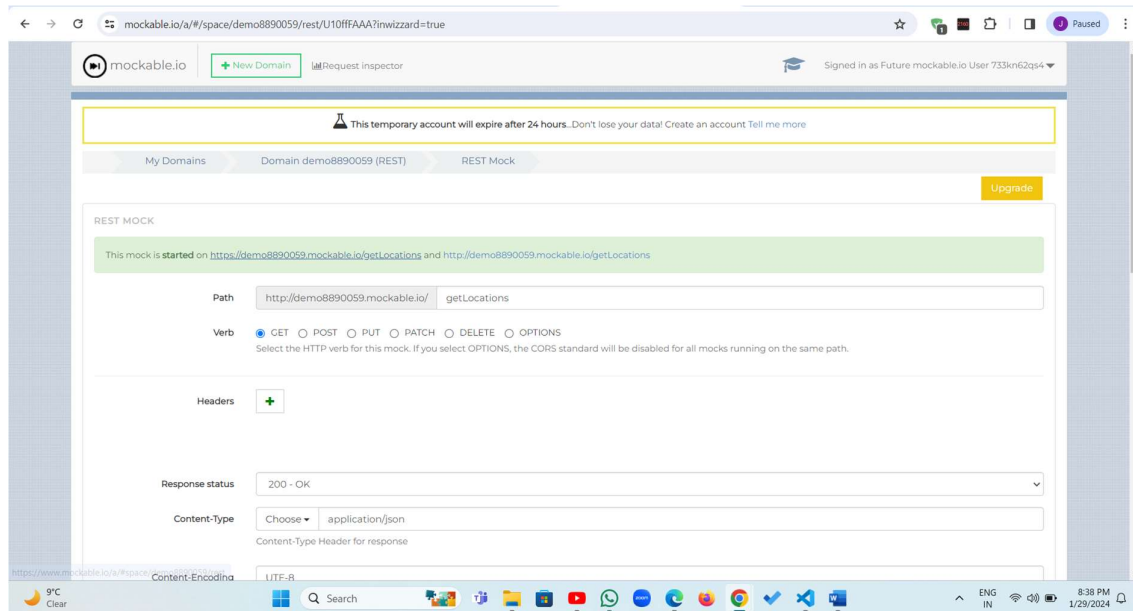# Assignment – 15

Summary:

In today's class, we covered the fundamentals of REST API in the context of Angular. We learned that a REST API facilitates the manipulation of resources over the web through HTTP requests. Angular's HTTP Client module is a crucial tool for making these requests, offering methods like GET, POST, PUT, and DELETE. Responses from the API are handled as Observables, and the subscribe() method allows us to efficiently use the data in our Angular applications. We applied these concepts practically by using mockable.io. Extracting data from home.ts, we created a mock API, generated a "home" service using "ng g service home," and established a connection to the mock API to retrieve the data. This hands-on session reinforced our understanding of integrating external data sources into Angular applications.

Output:

```
1   // 20240129202644
2   // https://demo8890059.mockable.io/getLocations
3
4   [
5     {
6       "place": "Golden Gate Bridge",
7       "image": "golden-gate-bridge",
8       "description": "Iconic suspension bridge spanning the Golden Gate Strait in San Francisco, offering breathtaking views.",
9       "rating": 4.7
10    },
11    {
12      "place": "Machu Picchu",
13      "image": "machu-picchu",
14      "description": "Ancient Incan citadel nestled in the Andes, showcasing stunning architecture and panoramic landscapes.",
15      "rating": 4.8
16    },
17    {
18      "place": "Sydney Opera House",
19      "image": "sydney-opera-house",
20      "description": "Architectural marvel on Sydney's harbor, renowned for its distinctive sail-like design and world-class performances.",
21      "rating": 4.6
22    },
23    {
24      "place": "Tokyo Skytree",
25      "image": "tokyo-skytree",
26      "description": "Japan's tallest structure, providing unparalleled views of Tokyo and its surroundings from its observation decks.",
27      "rating": 4.5
28    }
29  ]
```

Travel   Home   Locations   Contact

Locations

Golden Gate Bridge

Iconic suspension bridge spanning the Golden Gate Strait in San Francisco, offering breathtaking views.

Rating   4.7 ★

Machu Picchu

Ancient Incan citadel nestled in the Andes, showcasing stunning architecture and panoramic landscapes.

Rating   4.8 ★

Sydney Opera House

Architectural marvel on Sydney's harbor, renowned for its distinctive sail-like design and world-class performances.

Rating   4.6 ★

Tokyo Skytree

Japan's tallest structure, providing unparalleled views of Tokyo and its surroundings from its observation decks.

Rating   4.5 ★