Day 55 Task

Express GET and POST Methods

1. **Create a Get request with route '/getAllRestaurants' using express and fetch the data of all restaurants from the 'restaurants.json' file when a get request is made. Use the below data for restaurant.json.**

{

"name": "Domino's",

"city": "Delhi",

"location_id

": 1,

"city_id": 1,

"locality": "Shalimar Bagh",

"thumb": [

"Assets/breakfast.jpg",

"Assets/dinner.png",

```
        "Assets/drinks.png",

        "Assets/dinner.png"

    ],
    "aggregate_rating": 4.2,

        "rating_text": "Very Good",

        "min_price": 666,

    "contact_number": 919453524651,

    "cuisine": [

    { "id": 1, "name": "North Indian" },

    { "id": 4, "name": "Fast Food" }

    ],

    "image": "Assets/breakfast.jpg",

        "mealtype_id": 1

    },

    {

    "name": "KFC",

    "city": "Delhi",
```

```json
"location_id
": 1,
"city_id": 1,
"locality": "Shalimar Bagh",
"thumb": [
"Assets/breakfast.jpg",
"Assets/dinner.png",
"Assets/drinks.png",
"Assets/dinner.png"
],
"aggregate_rating": 4.5,
"rating_text": "Excellent",
"min_price": 333,
"contact_number": 919453524651,
"cuisine": [
{ "id": 2, "name": "South Indian" },
{ "id": 4, "name": "Fast Food" }
```

```
        ],

        "image": "Assets/breakfast.jpg",

            "mealtype_id": 1

        },

        {

        "name": "Burger King", "city":

            "Delhi", "location_id": 1,

        "city_id": 1,

        "locality": "Shalimar Bagh",

            "thumb": [

        "Assets/breakfast.jpg",

            "Assets/dinner.png",

            "Assets/drinks.png",

        "Assets/dinner.png"

        ],

        "aggregate_rating": 4.5,
```

```json
    "rating_text": "Excellent",

    "min_price": 999,

"contact_number": 919453524651,

    "cuisine": [

{ "id": 2, "name": "South Indian" },

{ "id": 4, "name": "Fast Food" }

],

"image": "Assets/breakfast.jpg",

    "mealtype_id": 1

},

{

"name": "Baba Ka Dhaba",

    "city": "Delhi",

    "location_id": 5,

"city_id": 1,

"locality": "Anand Vihar", "thumb":

    [
```
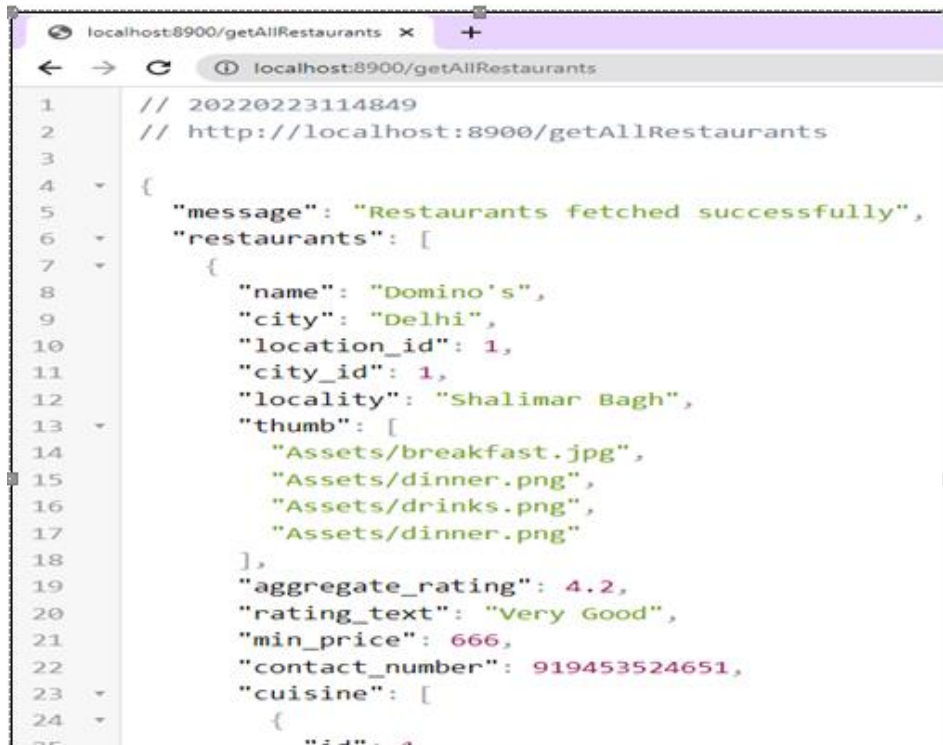
"Assets/breakfast.jpg", "Assets/dinner.png",

"Assets/drinks.png",

    "Assets/dinner.png"

],

"aggregate_rating": 3.5,

    "rating_text": "Excellent",

    "min_price": 599,

"contact_number": 919453524651,

    "cuisine": [

{ "id": 2, "name": "South Indian" },

{ "id": 4, "name": "Fast Food" }

],

"image": "Assets/breakfast.jpg",

    "mealtype_id": 2

}

]

The expected output is shown below.

2. **Create a Get request with route '/getAllLocations' using express and fetch the data of all locations from the 'locations.json' file when a get request is made. Use the below data for locations.json.**

```
[

{

"name": "Shalimar Bagh", "city_id":

    1,

"location_id": 1,
"city": "Delhi",
```

```json
      "country_name":

        "India"

},

{

"name":

        "Janpat",

        "city_id": 1,

"location_id": 2, "city":

        "Delhi",

        "country_name":

        "India"

},

{

"name":"MSP",

        "city_id": 1,

"location_id": 3, "city":

        "Delhi",
```
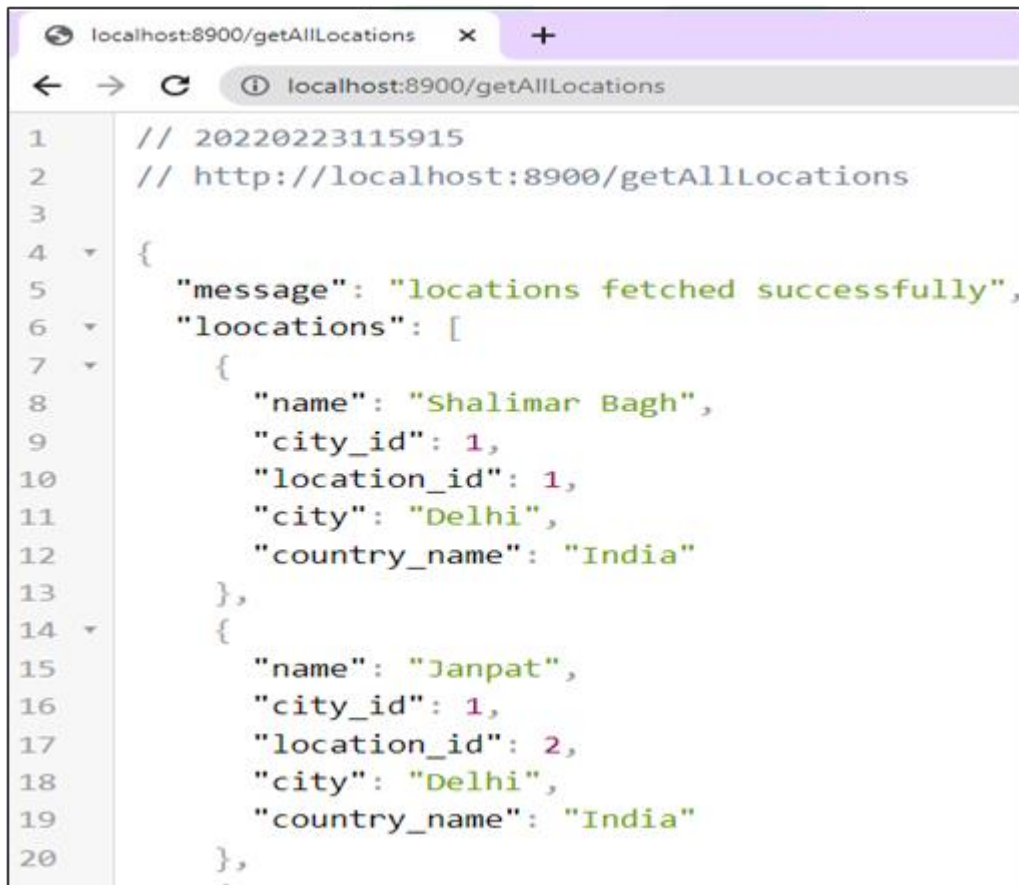
```json
    "country_name":

    "India"

},

{

"name": "MSP",

    "city_id": 2,

"location_id": 4,

    "city":

    "Pune",

"country_name": "India"

},
{

"name": "Anand Vihar",

    "city_id": 1,

"location_id": 5,
"city": "Delhi",
"country_name": "India"

}
```

]

The expected output is shown below.

3. **Create a Get request with route `'/getAllMealTypes'` using express and fetch the data of all meal types from the 'MealTypes.json' file when a get request is made. Use the below data for MealTypes.json.**

[

{

"name": "Breakfast",

"content": "Start your day with exclusive breakfast options", "image":

```
    "Assets/breakfast.jpg",

"meal_type": 1

},

{

"name": "Lunch",

"content": "Start your day with exclusive lunch options", "image":

    "Assets/lunch.jpg",

"meal_type": 2

},

{

"name": "Dinner",

"content": "Start your day with exclusive dinner options", "image":

    "Assets/dinner.png",

"meal_type": 3

},
{

"name": "Snacks",
```

```
"content": "Start your day with exclusive snacks options", "image":

    "Assets/snacks.png",

"meal_type": 4

},

{

"name": "Drinks",

"content": "Start your day with exclusive drinks options", "image":

    "Assets/drinks.png",

"meal_type": 5

},

{

"name": "NightLife",

"content": "Start your day with exclusive nightlife options", "image":

    "Assets/nightlife.png",

"meal_type": 6

}
```
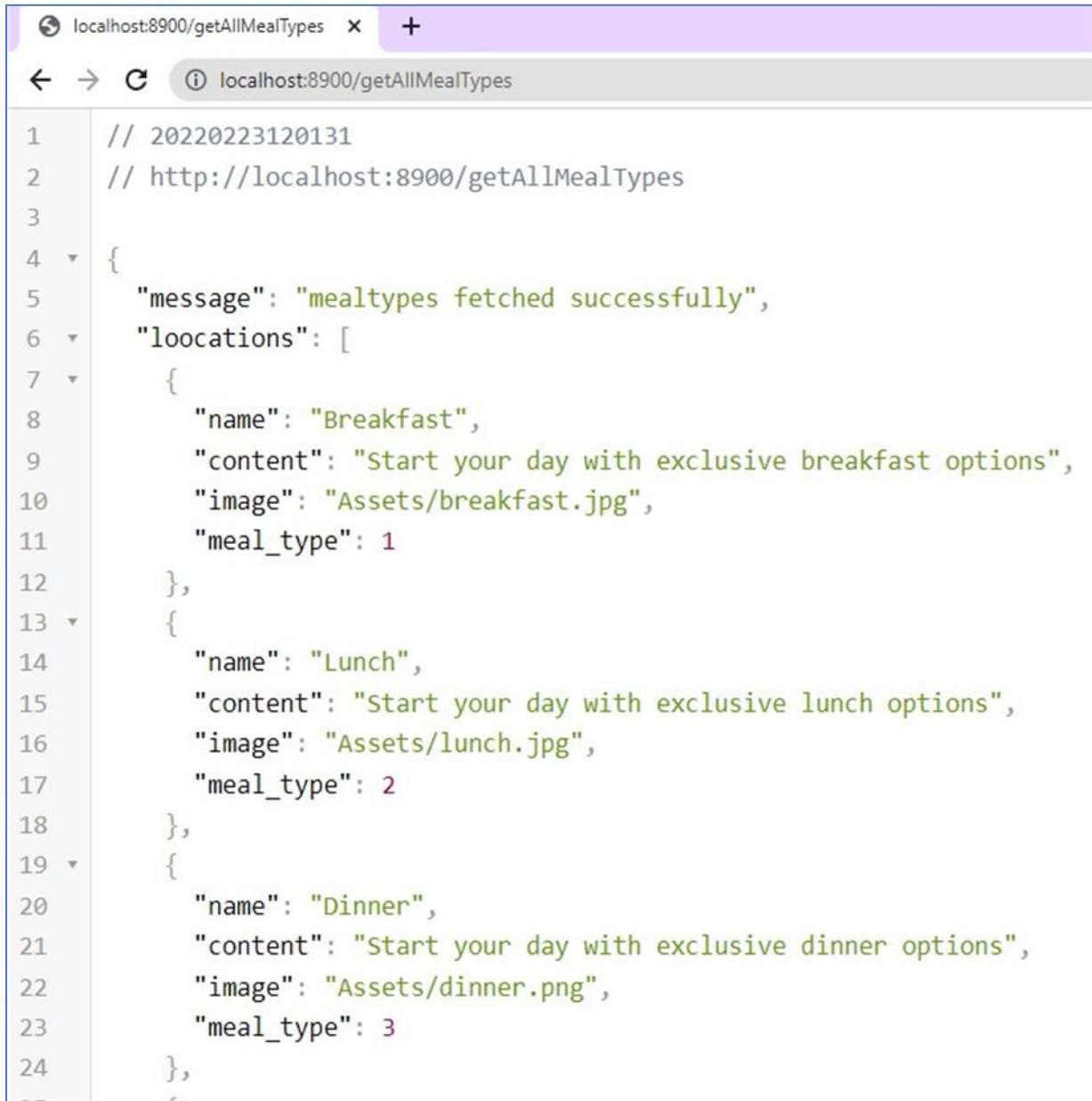
The expected output is shown below.

```
// 20220223120131
// http://localhost:8900/getAllMealTypes

{
    "message": "mealtypes fetched successfully",
    "loocations": [
        {
            "name": "Breakfast",
            "content": "Start your day with exclusive breakfast options",
            "image": "Assets/breakfast.jpg",
            "meal_type": 1
        },
        {
            "name": "Lunch",
            "content": "Start your day with exclusive lunch options",
            "image": "Assets/lunch.jpg",
            "meal_type": 2
        },
        {
            "name": "Dinner",
            "content": "Start your day with exclusive dinner options",
            "image": "Assets/dinner.png",
            "meal_type": 3
        },
```

4. **Filter the restaurant based on city param. The example URL end point is "localhost:8900/getRestaurantsByLocation/Delhi". Use the restaurant.json data given above.**
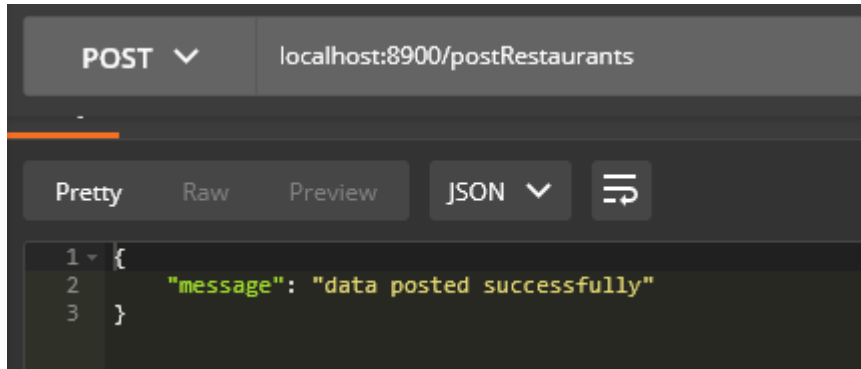
   The expected output is shown below.

```
// 20220223121034
// http://localhost:8900/getRestaurantsByLocation/Delhi

{
    "message": "restaurants found",
    "restaurants": [
        {
            "name": "Domino's",
            "city": "Delhi",
            "location_id": 1,
            "city_id": 1,
            "locality": "Shalimar Bagh",
            "thumb": [
                "Assets/breakfast.jpg",
                "Assets/dinner.png",
                "Assets/drinks.png",
                "Assets/dinner.png"
            ],
            "aggregate_rating": 4.2,
            "rating_text": "Very Good",
            "min_price": 666,
            "contact_number": 919453524651,
            "cuisine": [
                {
                    "id": 1,
```

5. **Create a post request and post a new restaurant data to restaurant.json file. The example URL end point is "localhost:8900/postRestaurants"**

The expected output is shown below.