WEB PROGRAMMING ICP6

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Github link: https://github.com/Vishnumonish/web-development/tree/main/ICP_6

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Github link:
https://github.com/Rajendraganji/WebCourse2022/tree/main/WebPart/ICP6

This ICP has the Angular concepts like routers, services, HTTP methods and Restful API. Here we are going to make api call in angular to retrieve details related food recipe.

1. First, we need to sign up in the Foursquare API and acquire Client Id and Client secret from there.
2. Then after signup to the EDAMAM API website in order to get App Id and App key.

Task 1

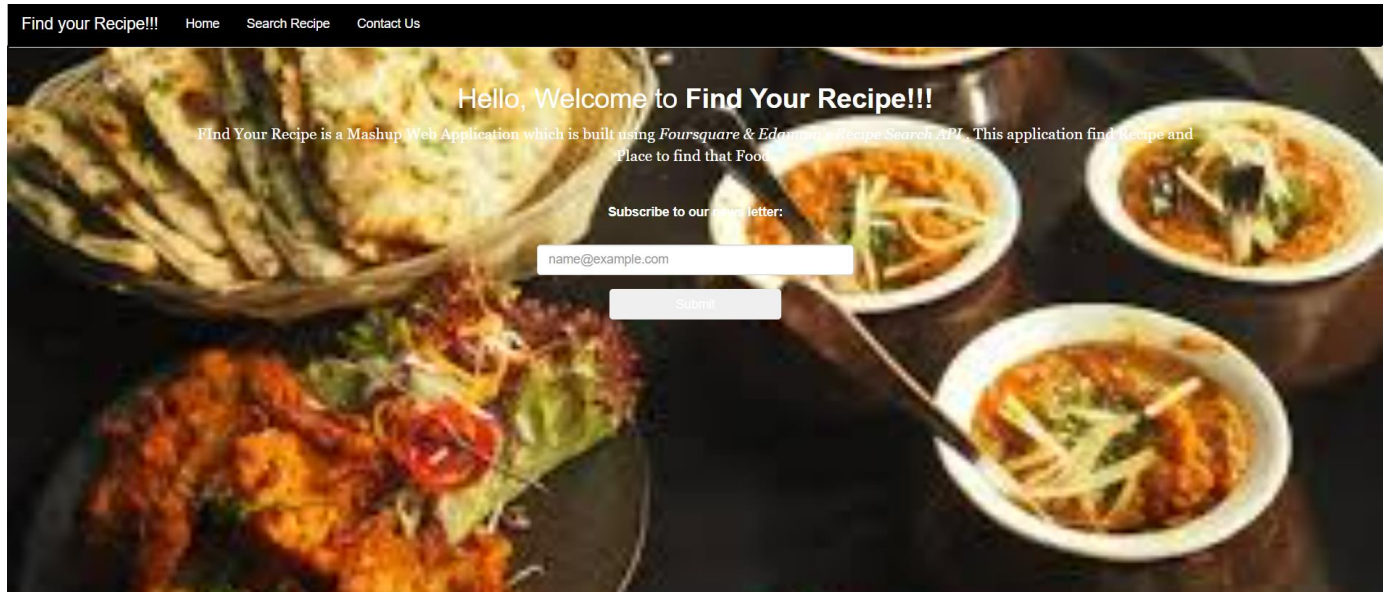Create an application in Angular which displays nearby restaurants

Task 2

Create an application in Angular which displays recipes

we have combined two tasks together and implemented.

Below are the images of the output and code:

Home Page

Logic to make API call:

File Edit Selection View Go Run Terminal Help

EXPLORER

search-recipe.component.css   search-recipe.component.html

ICP_6

Source > src > app > search-recipe > search-recipe.component.html > div.parent-container

```html
<div class="parent-container">
  <div class="child-container">
    <h2><b>Search for your recipe!!
    </b></h2><br>

    <form>


      <div class="form-group">

        <div class="form-group col-lg-6 col-lg-offset-3 input-group">
          <input #recipe class="form-control" placeholder="Recipe name" type="text">
          <span class="input-group-addon">-</span>
          <input #place class="form-control" placeholder="Place" type="text">
          <span class="input-group-addon">-</span>

        </div>

        <br>
        <button (click)="getVenues()" class="btn col-lg-2 col-lg-offset-5 " type="button">Go</button>

      </div>
    </form>
```
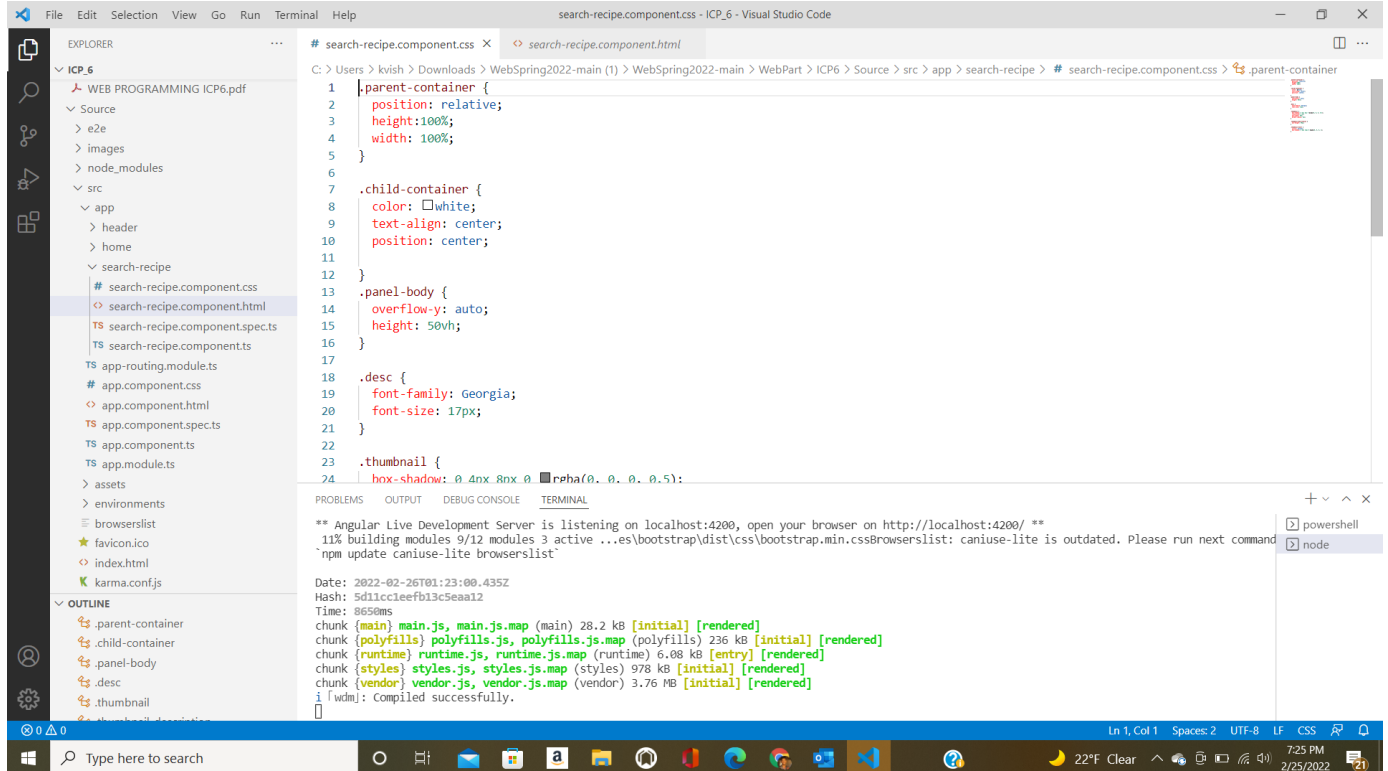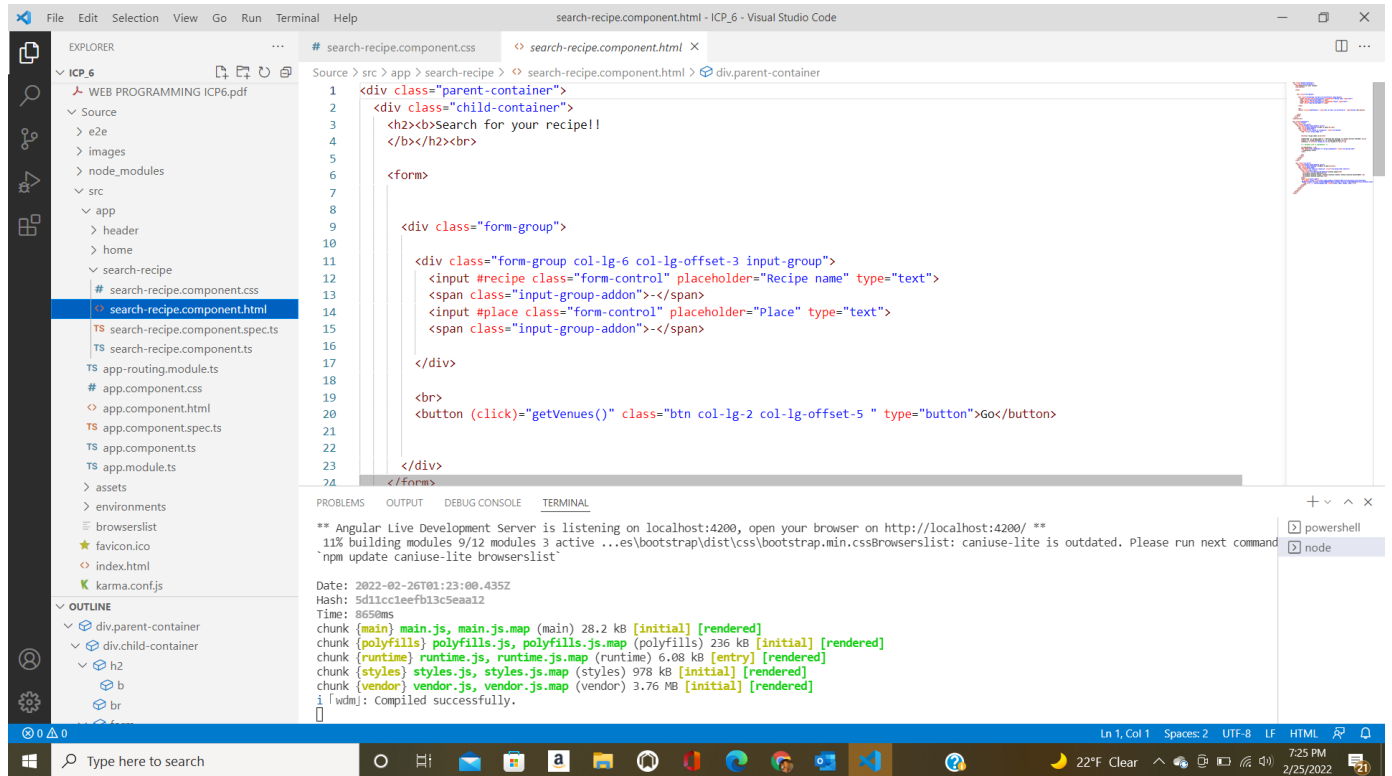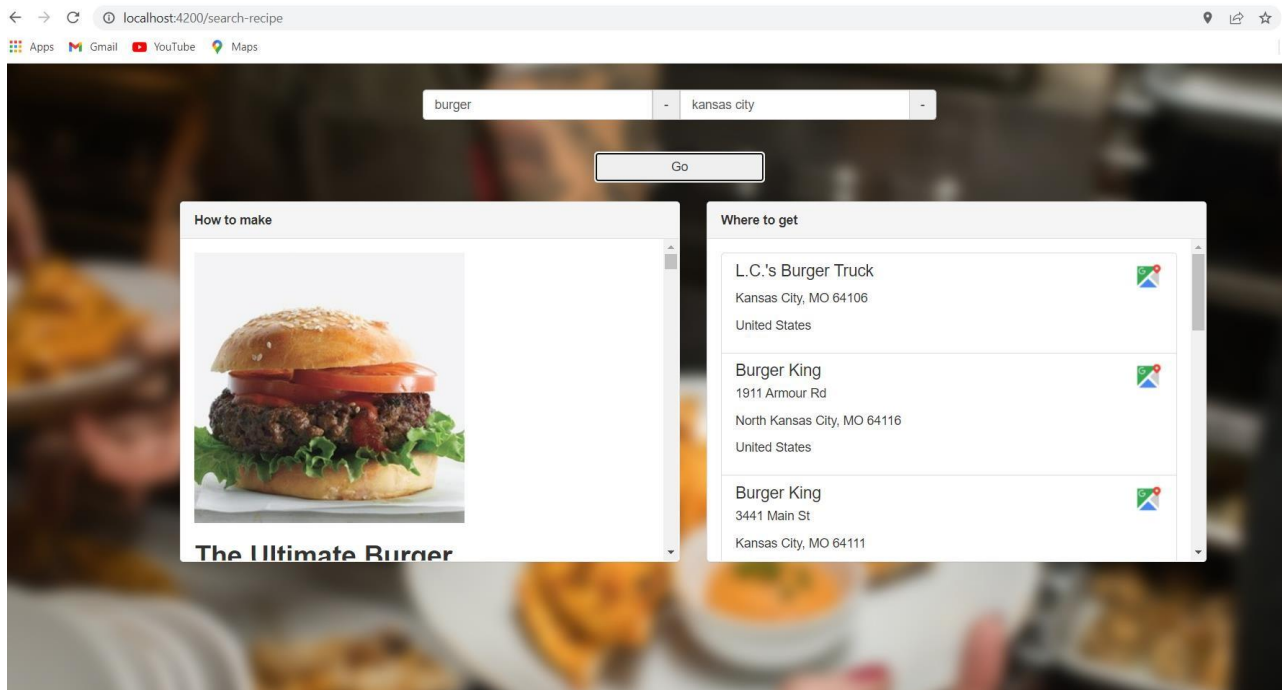
- WEB PROGRAMMING ICP6.pdf
- Source
  - e2e
  - images
  - node_modules
  - src
    - app
      - header
      - home
      - search-recipe
        - search-recipe.component.css
        - search-recipe.component.html
        - search-recipe.component.spec.ts
        - search-recipe.component.ts
      - app-routing.module.ts
      - app.component.css
      - app.component.html
      - app.component.spec.ts
      - app.component.ts
      - app.module.ts
    - assets
    - environments
  - browserslist
  - favicon.ico
  - index.html
  - karma.conf.js

OUTLINE
- div.parent-container
  - div.child-container
    - h2
      - b
      - br

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

```
** Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ **
 11% building modules 9/12 modules 3 active ...es\bootstrap\dist\css\bootstrap.min.cssBrowserslist: caniuse-lite is outdated. Please run next command
`npm update caniuse-lite browserslist`

Date: 2022-02-26T01:23:00.435Z
Hash: 5d11cc1eefb13c5eaa12
Time: 8650ms
chunk {main} main.js, main.js.map (main) 28.2 kB [initial] [rendered]
chunk {polyfills} polyfills.js, polyfills.js.map (polyfills) 236 kB [initial] [rendered]
chunk {runtime} runtime.js, runtime.js.map (runtime) 6.08 kB [entry] [rendered]
chunk {styles} styles.js, styles.js.map (styles) 978 kB [initial] [rendered]
chunk {vendor} vendor.js, vendor.js.map (vendor) 3.76 MB [initial] [rendered]
i ｢wdm｣: Compiled successfully.
```

powershell
node

Ln 1, Col 1   Spaces: 2   UTF-8   LF   HTML

File Edit Selection View Go Run Terminal Help

EXPLORER

search-recipe.component.css   search-recipe.component.html

ICP_6

C: > Users > kvish > Downloads > WebSpring2022-main (1) > WebSpring2022-main > WebPart > ICP_6 > Source > src > app > search-recipe > search-recipe.component.css > .parent-container

```css
.parent-container {
    position: relative;
    height:100%;
    width: 100%;
}

.child-container {
    color: white;
    text-align: center;
    position: center;

}
.panel-body {
    overflow-y: auto;
    height: 50vh;
}

.desc {
    font-family: Georgia;
    font-size: 17px;
}

.thumbnail {
    box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.5);
```

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        - search-recipe.component.ts
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OUTLINE
- .parent-container
- .child-container
- .panel-body
- .desc
- .thumbnail

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

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chunk {runtime} runtime.js, runtime.js.map (runtime) 6.08 kB [entry] [rendered]
chunk {styles} styles.js, styles.js.map (styles) 978 kB [initial] [rendered]
chunk {vendor} vendor.js, vendor.js.map (vendor) 3.76 MB [initial] [rendered]
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```

powershell
node

Ln 1, Col 1   Spaces: 2   UTF-8   LF   CSS

We need to do search with recipe name and to choose the location

Recipes including the details like name, serving, calories, diet type, and list of ingredients

Here If you click on the map shown in above screen shot, it will redirect you to that location

How to make

Pizza 6: Pan-fried Hawaiian Pizza

Servings: 6 | Calories per serving: 3157

Diet: , Egg-Free,Peanut-Free,Tree-Nut-Free,Soy-Free,Fish-Free,Shellfish-Free,Crustacean-Free,Celery-Free,Mustard-Free,Sesame-Free,Lupine-Free,Mollusk-Free,Alcohol-Free,Sulfite-Free

Source: https://www.epicurious.com/recipes/food/views/pizza-6-pan-fried-hawaiian-pizza-51114420

Ingredients:

Olive oil, for frying and brushing
4 ounces ham or prosciutto, chopped

Above screenshot shows the ingredients need to make the recipe