Project Name: ReciSearch, Group 2
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Function Points: 6 + 5 + 7 = 18

ReportRecipe(string recipeName) (Frontend)
- **External Input**
- **Complexity - (6)**

    Function/Output: Sends an email/notification to the dev email,
    devforrecisearch@gmail.com, using EmailJS API

    Parameters:
    ■ The name of the recipe that is being reported

    Output: Returns nothing, should send email to devforrecisearch@gmail.com

    This is the ReportRecipe function on the frontend side of the application. It should send
    an email along with the recipeName to the email address given. This is an External Input
    since this involves sending data across the application boundary (to an email), but
    doesn't change anything or return anything.

renderFetchRecipes(data) (Frontend)
- **External Output**
- **Complexity - (5)**

    Function/Output: renders the received data to the frontend

    Parameters:
    ■ Takes in a parameter called data, which is a JSON object, the JSON has a key "meals"
    which has a list of objects. Each object has "strMeal (name of meal), "strMealThumb"
    (URL to thumbnail of meal) and, "idMeal" (meal id)

    Output: Returns a component of the frontend component.

    This is the renderFetchRecipes function on the frontend side of the application. It should
    render the data it receives in boxes on the frontend. This is an External Output since this
    involves receiving data and displaying it to the frontend.

FetchRecipes(string ingredients, boolean only, boolean include) (Frontend)
- **External Output**
- **Complexity - (7)**

Function/Output: Calls to the MealDB-API and fetches recipes using .fetch() function

Parameters:
■ Takes in a parameter called ingredients, which is one ingredient.
■ Takes a boolean parameter called only, which returns recipes with only those ingredients
■ Parameter include is set to true or false depending on whether we want those ingredients or not.

Output: A JSON object, the JSON has a key "meals" which has a list of objects. Each object has "strMeal (name of meal), "strMealThumb" (URL to thumbnail of meal) and, "idMeal" (meal id)

This is the FetchRecipes function on the frontend side of the application. Call to the MealDB API, and it returns a JSON object. This is an External Output since this involves receiving data from the API, and formatting it for the render function to work.