1. Apps Script - RecipePuppy

INDEX

1.LINK TO GOOGLE APP SCRIPT

https://docs.google.com/spreadsheets/d/1axyPWbCnobK9BCWTctgjzh0uYP6Sp9rQaJ1CbW2VvIY/edit?usp=sharing

2.CODE.GS

```
function onOpen() {

  SpreadsheetApp.getUi() // Or DocumentApp or FormApp.

    .createMenu('RECIPES')

    .addItem('Search', 'openDialog')

    .addToUi();

}




function openDialog() {

  var html = HtmlService.createHtmlOutputFromFile('Index')

    .setSandboxMode(HtmlService.SandboxMode.IFRAME);

  SpreadsheetApp.getUi() // Or DocumentApp or FormApp.

    .showModalDialog(html, 'Search a recipe');

}


function doSomething(form){

  var doc = SpreadsheetApp.getActiveSpreadsheet();

  textBoxValue = form.name;

  doc.getRange('a1').setValue(textBoxValue);


}
```

```
/***************RECIPE*******************/


function recipe(ingredients, name) {


  var text =
UrlFetchApp.fetch("http://www.recipepuppy.com/api/?i="+ingredients+"&q="+name+"").getContentText();


  var result = JSON.parse(text);


  var doc = SpreadsheetApp.getActiveSpreadsheet();

  var cellA1 = doc.getRange('a1');

  var cellB1 = doc.getRange('b1');

  var cellC1 = doc.getRange('c1');

  var cellD1 = doc.getRange('d1');

  cellA1.setValue('NAME');

  cellB1.setValue('INGREDIENTS');

  cellC1.setValue('URL');

  cellD1.setValue('IMAGE');


  var numName = 2;

  for(i = 0; i < result.results.length; i++){

    doc.getRange("a"+numName+"").setValue(result.results[i].title);

    numName++;

  }


  var numIngredients = 2;

  for(i = 0; i < result.results.length; i++){

    doc.getRange("b"+numIngredients+"").setValue(result.results[i].ingredients);

    numIngredients++;

  }


  var numUrl = 2;

  for(i = 0; i < result.results.length; i++){
```

```
    doc.getRange("c"+numUrl+"").setValue(result.results[i].href);

    numUrl++;

   }


   var numImage = 2;
   for(i = 0; i < result.results.length; i++){

    doc.getRange("d"+numImage+"").setValue(result.results[i].thumbnail);

    numImage++;

   }



}
```

3.INDEX.HTML

```
<!DOCTYPE html>

<html>

 <head>

  <base target="_top">

 </head>

 <body>

 <script>

  function look(ingredients,name) {

   google.script.run.recipe(ingredients,name);

}

  </script>

  <form>

  <br /><label>Ingredients </label> <input type="text" size="15" name="ingredients" id="ingredients" />

  <br /><label>Name </label><input type="text" size="15" name="name" id="name" />

  <br /><input type="submit" id="submit"
onclick="look(document.getElementById('ingredients').value,document.getElementById('name').value)" />

  </form>


 </body>
```
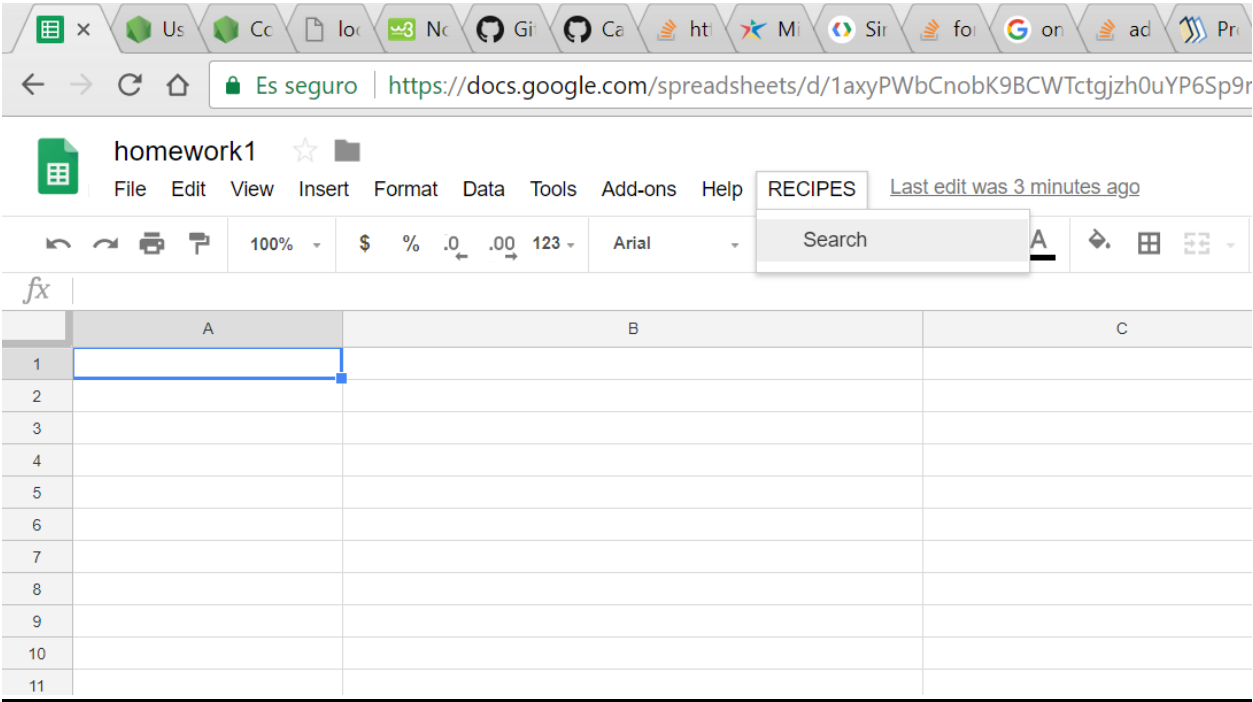
</html>

4.SCREENSHOTS
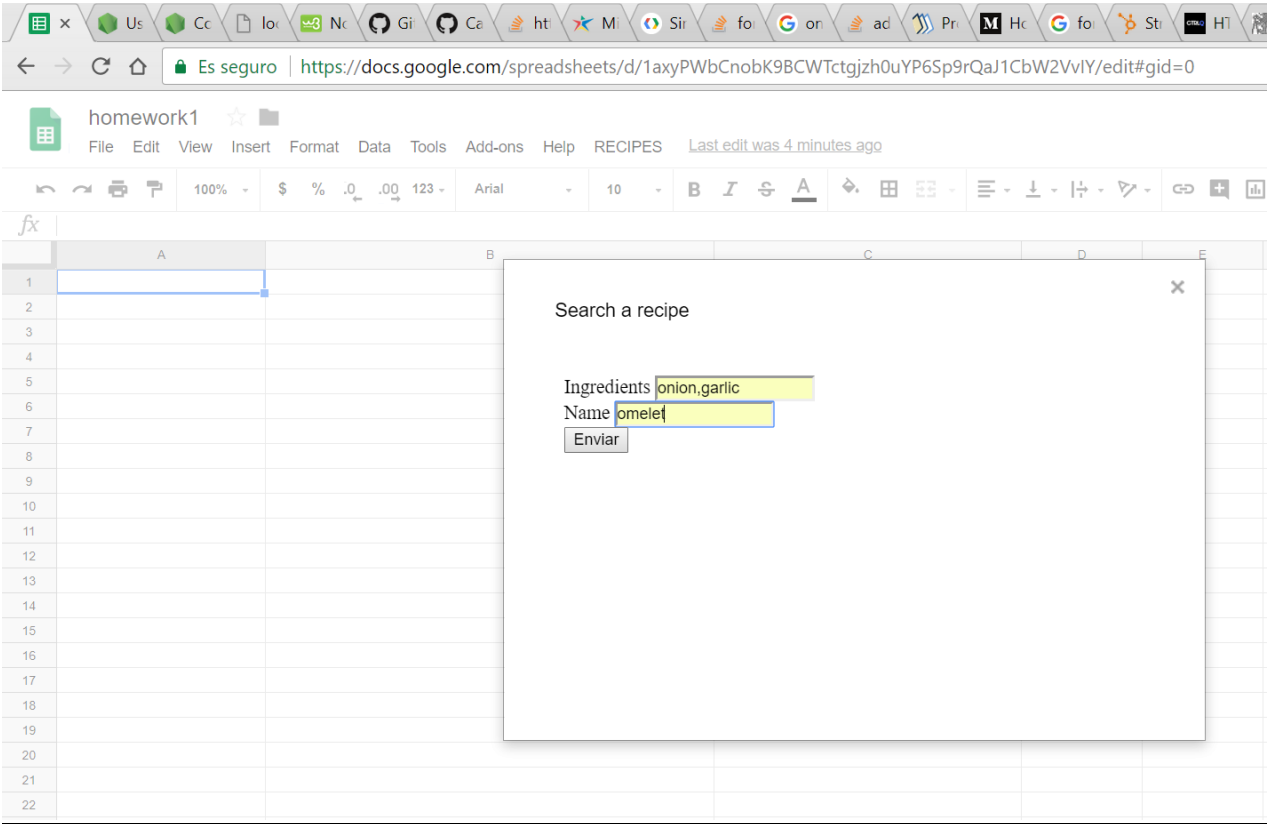
homework1
File Edit View Insert Format Data Tools Add-ons Help RECIPES

Last edit was made seconds ago by Alba del Rosario Olmo Trinidad

100% $ % .0 .00 123   Arial   10   B I S A

NAME

Search a recipe   ×

Ingredients onion,garlic
Name omelet
[Enviar]

	A	B	C	D	E	F
1	NAME	INGREDIENTS				
2	Hot 'n' Spicy Omelet	butter, eggs, garlic, black pepper,			n/2956.jpg	
3	Hot 'n' Spicy Omelet	butter, eggs, garlic, black pepper,			n/5513.jpg	
4	Monterey Turkey Omelet	butter, eggs, garlic, green pepper,			n/5506.jpg	
5	Mushroom Swiss Cheese Om	butter, cream, eggs, chives, thyme			n/36569.jpg	
6	Cauliflower and Feta Omelet	eggs, olive oil, feta cheese, parsle			n/128794.jpg	
7	Chili Bean Cheese Omelet	kidney bean, celery seed, chili pov			n/5512.jpg	
8	Greek Omelet with Feta ... spinach, red onions, garlic, tomat				n/599865.jpg	
9	Canadian Bacon Omelet	butter, canadian bacon, cheddar c				
10	Cheesy Bacon and Potato On ... bacon, potato, onions, garlic, eggs				n/600267.jpg	
11	Italian Omelet	butter, butter, basil, eggs, garlic, mozzarella cheese, black peppe http://allrecipes.com/Recipe/Italian-Omelet/L http://img.recipepuppy.com/2954.jpg				
12						
13						

---

homework1
File Edit View Insert Format Data Tools Add-ons Help RECIPES

All changes saved in Drive

100% $ % .0 .00 123   Arial   10   B I S A

NAME

	A	B	C	D	E	F	G
1	NAME	INGREDIENTS	URL	IMAGE			
2	Hot 'n' Spicy Omelet	butter, eggs, garlic, black pepper, red pepper flakes, salt, vegetal	http://allrecipes.com/Recipe/Hot-n-Spicy-On	http://img.recipepuppy.com/2956.jpg			
3	Hot 'n' Spicy Omelet	butter, eggs, garlic, black pepper, red pepper flakes, salt, vegetal	http://allrecipes.com/Recipe/Hot-n-Spicy-On	http://img.recipepuppy.com/5513.jpg			
4	Monterey Turkey Omelet	butter, eggs, garlic, green pepper, monterey jack cheese, onions	http://allrecipes.com/Recipe/Monterey-Turke	http://img.recipepuppy.com/5506.jpg			
5	Mushroom Swiss Cheese Om	butter, cream, eggs, chives, thyme, garlic, mushroom, red peppe	http://www.recipezaar.com/Mushroom-Swiss	http://img.recipepuppy.com/36569.jpg			
6	Cauliflower and Feta Omelet	eggs, olive oil, feta cheese, parsley, garlic, cauliflower	http://www.epicurious.com/recipes/food/view	http://img.recipepuppy.com/128794.jpg			
7	Chili Bean Cheese Omelet	kidney bean, celery seed, chili powder, eggs, garlic, green onion,	http://allrecipes.com/Recipe/Chili-Bean-Che	http://img.recipepuppy.com/5512.jpg			
8	Greek Omelet with Feta ... spinach, red onions, garlic, tomato, eggs, water, feta cheese		http://www.kraftfoods.com/kf/recipes/greek-c	http://img.recipepuppy.com/599865.jpg			
9	Canadian Bacon Omelet	butter, canadian bacon, cheddar cheese, eggs, garlic, onions, po	http://www.recipezaar.com/Canadian-Bacon-Omelet-309202				
10	Cheesy Bacon and Potato On ... bacon, potato, onions, garlic, eggs, cheddar cheese, black peppe		http://www.kraftfoods.com/kf/recipes/cheesy	http://img.recipepuppy.com/600267.jpg			
11	Italian Omelet	butter, butter, basil, eggs, garlic, mozzarella cheese, black peppe	http://allrecipes.com/Recipe/Italian-Omelet/L	http://img.recipepuppy.com/2954.jpg			
12							
13							

Top screenshot — Google Sheets "homework1" with dialog:

Search a recipe

Ingredients tomato,potato
Name
Enviar

Spreadsheet content:

	NAME	INGREDIENTS
1	NAME	INGREDIENTS
2	Hamburger Stew Recipe	hamburger, tomato, potato
3	Cheesy Rotel Potatoes	cheddar cheese, cream of mushro...
4	Potato And Ground Beef Cass	beef, tomato, potato, oregano
5	Fried Chicken stac	chicken, cheese sauce, potato, co...
6	Dump Swiss Steak (Oamc)	onion soup mix, gravy, tomato, pot...
7	Bhel Poori	cilantro, rice, tomato, potato, onion...
8	Dbs Famous Brunch Recipe	sausage, tomato, potato, pork, ba...
9	Scalloped Pork Chops And Po	potato, pork chops, tomato, onions, salt

Bottom screenshot — full spreadsheet view:

	NAME	INGREDIENTS	URL	IMAGE
1	NAME	INGREDIENTS	URL	IMAGE
2	Hamburger Stew Recipe	hamburger, tomato, potato	http://cookeatshare.com/recipes/hamburger-	http://img.recipepuppy.com/887479.jpg
3	Cheesy Rotel Potatoes	cheddar cheese, cream of mushroom soup, potato, tomato	http://www.recipezaar.com/Cheesy-Rotel-Po	http://img.recipepuppy.com/290353.jpg
4	Potato And Ground Beef Cass	beef, tomato, potato, oregano	http://cookeatshare.com/recipes/potato-and-	http://img.recipepuppy.com/797984.jpg
5	Fried Chicken stac	chicken, cheese sauce, potato, collard greens, tomato	http://cookeatshare.com/recipes/fried-chicke	http://img.recipepuppy.com/621020.jpg
6	Dump Swiss Steak (Oamc)	onion soup mix, gravy, tomato, potato, sirloin steak	http://www.recipezaar.com/Dump-Swiss-Ste	http://img.recipepuppy.com/366204.jpg
7	Bhel Poori	cilantro, rice, tomato, potato, onions	http://www.epicurious.com/recipes/food/view	http://img.recipepuppy.com/72974.jpg
8	Dbs Famous Brunch Recipe	sausage, tomato, potato, pork, bacon	http://www.grouprecipes.com/57843/dbs-fan	http://img.recipepuppy.com/377505.jpg
9	Scalloped Pork Chops And Po	potato, pork chops, tomato, onions, salt	http://cookeatshare.com/recipes/scalloped-p	http://img.recipepuppy.com/790377.jpg