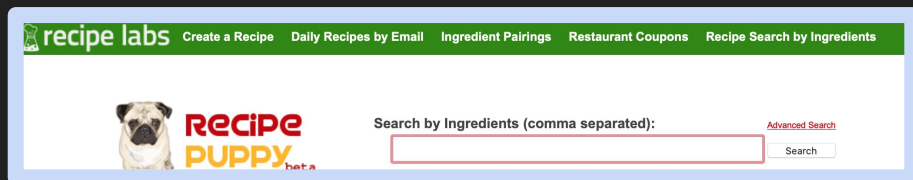
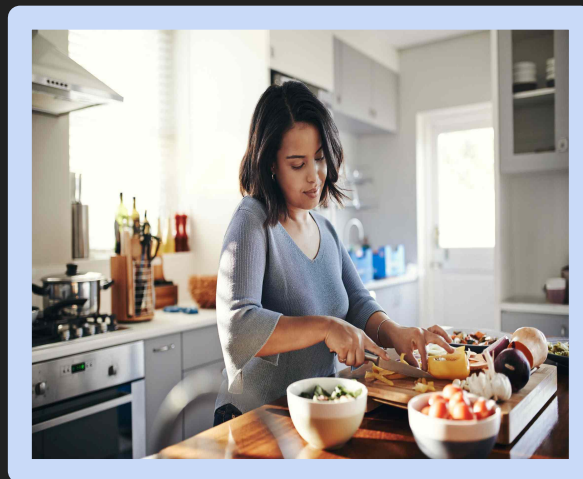


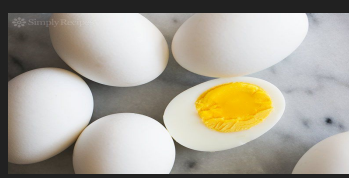
# RECIPE MAKER

## WITH PYTHON



In our program, you will be able to input ingredients you have, and get a recipe using them .  
Welcome to our program! Would you like to input a list of ingredients to generate a recipe?  
yes or no:yes  
yes  
Enter an ingredient you have on hand, enter stop when done: eggs  
Enter an ingredient you have on hand, enter stop when done: milk  
Enter an ingredient you have on hand, enter stop when done: stop  
Congrats! You can make Checkerboard Check It Out Cake Recipe !  
Type yes to see this recipe or type no to see something else to make[yes or no]: yes  
Click here: <http://www.grouprecipes.com/43903/checkerboard-check-it-out-cake.html> for step by step directions on how to make Checkerboard Check It Out Cake Recipe  
The main ingredients you will need are: milk, eggs  
Here is what your meal will look like!:





## How it works:

- Input ingredients you currently have on hand
- The program will output a recipe you can make. If you don't care for it, you'll get another recipe to choose from
- Program gives the main ingredients, image of recipe, and website for step by step instructions.

## Technical components:

- Define a function, to make program modular.
- Ask the user for input of their ingredient

```
def recipe_maker():
```

- Send the ingredients through the api
  - Response.json generates the recipe info

```
while True:
```

```
    user_ingredient = input("Enter an ingredient")
```

```
    params = { 'i' : ingredients }
```

```
    response = requests.get("http://www.recipepuppy.com/api/?", params=params)
```

```
    food_data = response.json()
```

- User can see the the Recipe name generated
- User can then make a choice if they would like to make this recipe, or see a new one

```
    title_0 = outputted_recipe_data["results"][0]["title"]
```

```
    title_1 = outputted_recipe_data["results"][1]["title"]
```

```
    print("")
```

```
    print(Back.YELLOW + "Congrats! You can make", str.rstrip(title_0))
```

```
user_choice = input("Type yes to see this recipe or type no to see something else")
```

- If statements will execute, based on Yes/No. For example, if you input eggs, and say you want to see "Savory

```
Congrats! You can make Savory Deviled Eggs
```

```
Type yes to see this recipe or type no to see something else [yes or no]: yes
```

```
Click here: http://www.kraftfoods.com/kf/recipes/savory-deviled-eggs-55779.aspx for step by step directions  
savory Deviled Eggs
```

```
The main ingredients you will need are: eggs
```

```
Here is what your meal will look like!
```



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