Big Mamas Kitchen

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I GOT BEANS, GREENS, POTATOES, TOMATOES...... U NAME IT!

Welcome to the Kitchen!!

Big Mama is strong, bold, loves cute things (such as her cat, Katchup), and cultivates the most flavorful dishes for her consumers. After a few minutes in her kitchen your taste buds are sure to be left tingling. She will throw in a wide variety of flavors from spicy to sweet, from tangy to salty, and will always finish a job with a sassy wink.

Better get your plates, are you ready for a taste?

WHO IS THIS LANGUAGE FOR?

This language is for people who love to cook as it uses cooking/baking phrases. BigMamasKitchen serves to spice up statically typed/scoped languages.

MAIN FEATURES

- Statically typed with static scoping
- Cooking keywords
- Emoticon brackets (^-^)~ ~(^-^)
- Emoticon comments
  - Single line: ~(=^..^)
  - Multi-line: --[=] [=]--
- Simple statements terminated with ;)
- Cinnamon Roll Arrays (@)
- Square Waffle Dictionaries [#]

TYPES

Boolean

spicy

```
ingredient spicy = raw ;)
```

Number

bitter

```
ingredient bitter = 1 ;)
```

String

salty

```
ingredient salty = "hi";)
```

Array

(@)

```
ingredient spicy(@) eggs =
(@)raw, raw(@) ;)
```
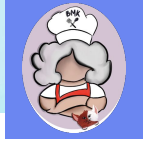
Map/Object

[#]

```
ingredient salty[#] waffle =
[#] "key" : "value" [#] ;)
```

Null Type

bland

```
ingredient bland =
nothing ;)
```

HELLO WORLD

BMK

```
mamaSays "Hello world!";)
```


JS

```
console.log("Hello world!");
```

GREATEST COMMON DIVISOR

```
recipe bitter gcd (bitter a, bitter b) (^-^)~
  addAPinchOf a < 0 (^-^)~
      a = -1 * a ;)
  ~(^-^)
  addAPinchOf b < 0 (^-^)~
      b = -1 * b ;)
  ~(^-^)
  addAPinchOf b > a (^-^)~
      ingredient bitter temp = a ;)
      a = b ;)
      b = temp ;)
  ~(^-^)
  stir until cooked (^-^)~
      addAPinchOf b == 0 (^-^)~
          serve a ;)
      ~(^-^)
      a = a % b ;)
      addAPinchOf a == 0 (^-^)~
          serve b ;)
      ~(^-^)
      b = b % a ;)
  ~(^-^)
  serve 0 ;)
~(^-^)
```

BigMamasKitchen

```js
function gcd(a,b) {
    a = Math.abs(a);
    b = Math.abs(b);
    if (b > a) {
        let temp = a;
        a = b;
        b = temp;
    }
    while (true) {
        if (b === 0) return a;
        a %= b;
        if (a === 0) return b;
        b %= a;
    }
    return 0;
}
```

Javascript

2D Dictionaries and Arrays

Dictionary of Dictionaries

```
ingredient bitter[#][#] dictDict =
[#]"key1": [#]"inner1": 5[#], "key2": [#]"inner2": 2[#][#];)
```

Array of Arrays

```
ingredient bitter(@)(@) doubleArray = (@) (@)1,2,3(@), (@)4,5,6(@) (@) ;)
mamaSays doubleArray(@)1(@)(@)2(@) == 6 ;)
```

Questions?

Github:
github.com/mmikol/BigMamasKitchen

Website:
mmikol.github.io/BigMamasKitchen