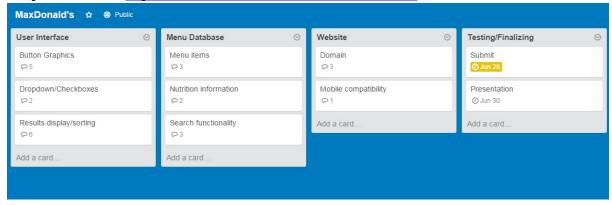
Title: MaxDonald's

**Who:** Ian Moore, Ethan Fellows, Samuel Carnes, Hussain Algudaihi

Project Tracker: https://trello.com/b/x49MSwHo/maxdonald-s



**VCS:** https://github.com/Brefew/MaxDonalds

**Video:** Video can be found in the MaxDonalds github folder, as MaxDonalds\_video.wmv **Screenshot:** 



\*Hussain is not shown in the Github charts, however the commit log shows that he was present and active during the whole project.

**Deployment:** After cloning the files from github, open a new terminal. Go to the necessary directory, and run the python –m CGIHTTPServer 8000 command. Open a webpage, and go to localhost:8000/ and type the path and name of the file to access the website. (cgi-bin/chickenRun.py, etc.)

# MaxDonald's

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Tue Jun 30 2015 05:36:58

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# Chapter 1

# Namespace Index

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chickenRun
Explanation of this particular module
dessertRun
Explanation of this particular module
drinksRun
Explanation of this particular module
friesRun
Explanation of this particular module
saladRun
Explanation of this particular module

2 Namespace Index

# **Chapter 2**

# File Index

# 2.1 File List

Here is a list of all files with brief descriptions:

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File Index

# **Chapter 3**

# **Namespace Documentation**

# 3.1 burgerRun Namespace Reference

Explanation of this particular module.

#### **Functions**

def byteify
 Byteify documentation.

# **Variables**

• int deCn = 1

```
• tuple response = urllib2.urlopen("file:MaxDonalds.json")
     response documentation
• tuple stats = byteify(json.load(response))
     stats documentation
dictionary drink = {}
     drink dictionary documentation
• dictionary burger = {}
     burger dictionary documentation
dictionary chicken = {}
     chicken dictionary documentation
dictionary salad = {}
     salad dictionary documentation
dictionary dessert = {}
     dessert dictionary documentation
• dictionary fries = {}
     fry dictionary documentation
• int drCn = 1
     drCn Documentation
• int buCn = 1
     buCn Documentation
• int chCn = 1
     chCn Documentation
• int saCn = 1
     saCn Documentation
```

deCn Documentation

• int frCn = 1

frCn Documentation

• tuple r = len(stats)

len documentation

• int usr\_money = 529

usr money documentation

• budget = usr\_money

budget documentation

• minmoney = budget

minmoney documentation

• int price = 0

price documentation

• int calpercent = 0

calpercent documentation

• int run1 = 0

run1 documentation

• string item = ""

item documentation

• list order = []

order documentation

dictionary work\_dict = {}

work\_dict documentation

## 3.1.1 Detailed Description

Explanation of this particular module. Runs a test based on the burger category

#### 3.1.2 Function Documentation

3.1.2.1 def burgerRun.byteify ( input )

Byteify documentation.

Referenced from the HW4 function Converts the unicode of JSON keys

Definition at line 73 of file burgerRun.py.

### 3.1.3 Variable Documentation

3.1.3.1 int burgerRun.buCn = 1

buCn Documentation

The integer keeping track of the burger count index

Definition at line 124 of file burgerRun.py.

### 3.1.3.2 burgerRun.budget = usr\_money

budget documentation

Maintains the usr\_money value

Definition at line 557 of file burgerRun.py.

#### 3.1.3.3 dictionary burgerRun.burger = {}

burger dictionary documentation

Slice of the primary dictionary designated for burgers

Definition at line 99 of file burgerRun.py.

#### 3.1.3.4 list burgerRun.calpercent = 0

calpercent documentation

Int for keeping track of the calories of food items per one cent

Definition at line 569 of file burgerRun.py.

### 3.1.3.5 int burgerRun.chCn = 1

chCn Documentation

The integer keeping track of the chicken count index

Definition at line 128 of file burgerRun.py.

# 3.1.3.6 dictionary burgerRun.chicken = {}

chicken dictionary documentation

Slice of the primary dictionary designated for chicken

Definition at line 103 of file burgerRun.py.

### 3.1.3.7 int burgerRun.deCn = 1

deCn Documentation

The integer keeping track of the dessert count index

Definition at line 136 of file burgerRun.py.

# 3.1.3.8 dictionary burgerRun.dessert = {}

dessert dictionary documentation

Slice of the primary dictionary designated for dessert

Definition at line 111 of file burgerRun.py.

# 3.1.3.9 int burgerRun.drCn = 1

drCn Documentation

The integer keeping track of the drink count index

Definition at line 120 of file burgerRun.py.

## 3.1.3.10 dictionary burgerRun.drink = {}

drink dictionary documentation

Slice of the primary dictionary designated for drinks

Definition at line 95 of file burgerRun.py.

3.1.3.11 int burgerRun.frCn = 1

frCn Documentation

The integer keeping track of the fry count index

Definition at line 140 of file burgerRun.py.

3.1.3.12 dictionary burgerRun.fries = {}

fry dictionary documentation

Slice of the primary dictionary designated for fries

Definition at line 115 of file burgerRun.py.

3.1.3.13 burgerRun.item = ""

item documentation

An empty variable that takes the name of an item assigned later

Definition at line 577 of file burgerRun.py.

3.1.3.14 list burgerRun.minmoney = budget

minmoney documentation

Maintains the budget value

Definition at line 561 of file burgerRun.py.

3.1.3.15 list burgerRun.order = []

order documentation

Empty list to be filled with items that pass the tests for the items with the optimal calorie-per-cent rate

Definition at line 581 of file burgerRun.py.

3.1.3.16 list burgerRun.price = 0

price documentation

Standin price variable for the upcoming calculations

Definition at line 565 of file burgerRun.py.

3.1.3.17 tuple burgerRun.r = len(stats)

len documentation

A value to keep track of the stats max length in a for loop that splits it up

Definition at line 147 of file burgerRun.py.

3.1.3.18 tuple burgerRun.response = urllib2.urlopen("file:MaxDonalds.json")

response documentation

Variable for holding the json input file

Definition at line 86 of file burgerRun.py.

3.1.3.19 int burgerRun.run1 = 0

run1 documentation

Acts as a toggle to keep track of the upcoming while loop

Definition at line 573 of file burgerRun.py.

3.1.3.20 int burgerRun.saCn = 1

saCn Documentation

The integer keeping track of the salad count index

Definition at line 132 of file burgerRun.py.

3.1.3.21 dictionary burgerRun.salad = {}

salad dictionary documentation

Slice of the primary dictionary designated for salads

Definition at line 107 of file burgerRun.py.

3.1.3.22 tuple burgerRun.stats = byteify(json.load(response))

stats documentation

A variable that acts as the converted json folder, having passed through byteify

Definition at line 90 of file burgerRun.py.

3.1.3.23 int burgerRun.usr\_money = 529

usr money documentation

A test value to apply to the code (displayed in cents)

Definition at line 553 of file burgerRun.py.

3.1.3.24 dictionary burgerRun.work\_dict = {}

work\_dict documentation

An empty dictionary that will handle the order[] list to be filled

Definition at line 585 of file burgerRun.py.

# 3.2 chickenRun Namespace Reference

Explanation of this particular module.

### **Functions**

· def byteify

Byteify documentation.

#### **Variables**

```
• tuple response = urllib2.urlopen("file:MaxDonalds.json")
```

response documentation

• tuple stats = byteify(json.load(response))

stats documentation

dictionary drink = {}

drink dictionary documentation

• dictionary burger = {}

burger dictionary documentation

dictionary chicken = {}

chicken dictionary documentation

dictionary salad = {}

salad dictionary documentation

dictionary dessert = {}

dessert dictionary documentation

• dictionary fries = {}

fry dictionary documentation

• int drCn = 1

drCn Documentation

• int **buCn** = 1

buCn Documentation

• int chCn = 1

chCn Documentation

• int saCn = 1

saCn Documentation

• int deCn = 1

deCn Documentation

• int frCn = 1

frCn Documentation

• tuple r = len(stats)

len documentation

• int usr\_money = 529

usr\_money documentation

budget = usr\_money

budget documentation

• minmoney = budget

minmoney documentation

• int price = 0

price documentation

• int calpercent = 0

calpercent documentation

• int run1 = 0

run1 documentation

• string item = ""

item documentation

• list order = []

order documentation

dictionary work dict = {}

work\_dict documentation

# 3.2.1 Detailed Description

Explanation of this particular module. Runs a test based on the chicken category

#### 3.2.2 Function Documentation

3.2.2.1 def chickenRun.byteify ( input )

Byteify documentation.

Referenced from the HW4 function Converts the unicode of JSON keys

Definition at line 73 of file chickenRun.py.

#### 3.2.3 Variable Documentation

3.2.3.1 int chickenRun.buCn = 1

buCn Documentation

The integer keeping track of the burger count index

Definition at line 124 of file chickenRun.py.

3.2.3.2 chickenRun.budget = usr\_money

budget documentation

Maintains the usr\_money value

Definition at line 557 of file chickenRun.py.

3.2.3.3 dictionary chickenRun.burger = {}

burger dictionary documentation

Slice of the primary dictionary designated for burgers

Definition at line 99 of file chickenRun.py.

3.2.3.4 list chickenRun.calpercent = 0

calpercent documentation

Int for keeping track of the calories of food items per one cent

Definition at line 569 of file chickenRun.py.

3.2.3.5 int chickenRun.chCn = 1

chCn Documentation

The integer keeping track of the chicken count index Definition at line 128 of file chickenRun.py.

3.2.3.6 dictionary chickenRun.chicken = {}

chicken dictionary documentation

Slice of the primary dictionary designated for chicken

Definition at line 103 of file chickenRun.py.

3.2.3.7 int chickenRun.deCn = 1

deCn Documentation

The integer keeping track of the dessert count index

Definition at line 136 of file chickenRun.py.

3.2.3.8 dictionary chickenRun.dessert = {}

dessert dictionary documentation

Slice of the primary dictionary designated for dessert

Definition at line 111 of file chickenRun.py.

3.2.3.9 int chickenRun.drCn = 1

drCn Documentation

The integer keeping track of the drink count index

Definition at line 120 of file chickenRun.py.

3.2.3.10 dictionary chickenRun.drink = {}

drink dictionary documentation

Slice of the primary dictionary designated for drinks

Definition at line 95 of file chickenRun.py.

3.2.3.11 int chickenRun.frCn = 1

frCn Documentation

The integer keeping track of the fry count index

Definition at line 140 of file chickenRun.py.

3.2.3.12 dictionary chickenRun.fries = {}

fry dictionary documentation

Slice of the primary dictionary designated for fries

Definition at line 115 of file chickenRun.py.

3.2.3.13 chickenRun.item = ""

item documentation

An empty variable that takes the name of an item assigned later

Definition at line 577 of file chickenRun.py.

3.2.3.14 list chickenRun.minmoney = budget

minmoney documentation

Maintains the budget value

Definition at line 561 of file chickenRun.py.

3.2.3.15 list chickenRun.order = []

order documentation

Empty list to be filled with items that pass the tests for the items with the optimal calorie-per-cent rate

Definition at line 581 of file chickenRun.py.

3.2.3.16 list chickenRun.price = 0

price documentation

Standin price variable for the upcoming calculations

Definition at line 565 of file chickenRun.py.

3.2.3.17 tuple chickenRun.r = len(stats)

len documentation

A value to keep track of the stats max length in a for loop that splits it up

Definition at line 147 of file chickenRun.py.

3.2.3.18 tuple chickenRun.response = urllib2.urlopen("file:MaxDonalds.json")

response documentation

Variable for holding the json input file

Definition at line 86 of file chickenRun.py.

3.2.3.19 int chickenRun.run1 = 0

run1 documentation

Acts as a toggle to keep track of the upcoming while loop

Definition at line 573 of file chickenRun.py.

3.2.3.20 int chickenRun.saCn = 1

saCn Documentation

The integer keeping track of the salad count index

Definition at line 132 of file chickenRun.py.

3.2.3.21 dictionary chickenRun.salad = {}

salad dictionary documentation

Slice of the primary dictionary designated for salads

Definition at line 107 of file chickenRun.py.

3.2.3.22 tuple chickenRun.stats = byteify(json.load(response))

stats documentation

A variable that acts as the converted json folder, having passed through byteify

Definition at line 90 of file chickenRun.py.

3.2.3.23 int chickenRun.usr\_money = 529

usr\_money documentation

A test value to apply to the code (displayed in cents)

Definition at line 553 of file chickenRun.py.

3.2.3.24 dictionary chickenRun.work\_dict = {}

work\_dict documentation

An empty dictionary that will handle the order[] list to be filled

Definition at line 585 of file chickenRun.py.

# 3.3 dessertRun Namespace Reference

Explanation of this particular module.

#### **Functions**

· def byteify

Byteify documentation.

#### **Variables**

• tuple response = urllib2.urlopen("file:MaxDonalds.json")

response documentation

• tuple stats = byteify(json.load(response))

stats documentation

dictionary drink = {}

drink dictionary documentation

dictionary burger = {}

burger dictionary documentation

• dictionary chicken = {}

```
chicken dictionary documentation
dictionary salad = {}
     salad dictionary documentation
dictionary dessert = {}
     dessert dictionary documentation
• dictionary fries = {}
     fry dictionary documentation
• int drCn = 1
     drCn Documentation
• int buCn = 1
     buCn Documentation
• int chCn = 1
     chCn Documentation
• int saCn = 1
     saCn Documentation
• int deCn = 1
     deCn Documentation
• int frCn = 1
     frCn Documentation
• tuple r = len(stats)
     len documentation
• int usr_money = 529
     usr_money documentation
• budget = usr_money
     budget documentation
• minmoney = budget
     minmoney documentation
• int price = 0
     price documentation
• int calpercent = 0
     calpercent documentation
• int run1 = 0
     run1 documentation
string item = ""
     item documentation
• list order = []
     order documentation
dictionary work_dict = {}
     work_dict documentation
```

## 3.3.1 Detailed Description

Explanation of this particular module. Runs a test based on the dessert category

### 3.3.2 Function Documentation

## 3.3.2.1 def dessertRun.byteify ( input )

Byteify documentation.

Referenced from the HW4 function Converts the unicode of JSON keys

Definition at line 73 of file dessertRun.py.

### 3.3.3 Variable Documentation

#### 3.3.3.1 int dessertRun.buCn = 1

buCn Documentation

The integer keeping track of the burger count index

Definition at line 124 of file dessertRun.py.

#### 3.3.3.2 dessertRun.budget = usr\_money

budget documentation

Maintains the usr\_money value

Definition at line 557 of file dessertRun.py.

### 3.3.3.3 dictionary dessertRun.burger = {}

burger dictionary documentation

Slice of the primary dictionary designated for burgers

Definition at line 99 of file dessertRun.py.

### 3.3.3.4 list dessertRun.calpercent = 0

calpercent documentation

Int for keeping track of the calories of food items per one cent

Definition at line 569 of file dessertRun.py.

### 3.3.3.5 int dessertRun.chCn = 1

chCn Documentation

The integer keeping track of the chicken count index

Definition at line 128 of file dessertRun.py.

### 3.3.3.6 dictionary dessertRun.chicken = {}

chicken dictionary documentation

Slice of the primary dictionary designated for chicken

Definition at line 103 of file dessertRun.py.

#### 3.3.3.7 int dessertRun.deCn = 1

### deCn Documentation

The integer keeping track of the dessert count index

Definition at line 136 of file dessertRun.py.

3.3.3.8 dictionary dessertRun.dessert = {}

dessert dictionary documentation

Slice of the primary dictionary designated for dessert

Definition at line 111 of file dessertRun.py.

3.3.3.9 int dessertRun.drCn = 1

drCn Documentation

The integer keeping track of the drink count index

Definition at line 120 of file dessertRun.py.

3.3.3.10 dictionary dessertRun.drink = {}

drink dictionary documentation

Slice of the primary dictionary designated for drinks

Definition at line 95 of file dessertRun.py.

3.3.3.11 int dessertRun.frCn = 1

frCn Documentation

The integer keeping track of the fry count index

Definition at line 140 of file dessertRun.py.

3.3.3.12 dictionary dessertRun.fries = {}

fry dictionary documentation

Slice of the primary dictionary designated for fries

Definition at line 115 of file dessertRun.py.

3.3.3.13 dessertRun.item = ""

item documentation

An empty variable that takes the name of an item assigned later

Definition at line 577 of file dessertRun.py.

3.3.3.14 list dessertRun.minmoney = budget

minmoney documentation

Maintains the budget value

Definition at line 561 of file dessertRun.py.

3.3.3.15 list dessertRun.order = []

order documentation

Empty list to be filled with items that pass the tests for the items with the optimal calorie-per-cent rate

Definition at line 581 of file dessertRun.py.

3.3.3.16 list dessertRun.price = 0

price documentation

Standin price variable for the upcoming calculations

Definition at line 565 of file dessertRun.py.

3.3.3.17 tuple dessertRun.r = len(stats)

len documentation

A value to keep track of the stats max length in a for loop that splits it up

Definition at line 147 of file dessertRun.py.

3.3.3.18 tuple dessertRun.response = urllib2.urlopen("file:MaxDonalds.json")

response documentation

Variable for holding the json input file

Definition at line 86 of file dessertRun.py.

3.3.3.19 int dessertRun.run1 = 0

run1 documentation

Acts as a toggle to keep track of the upcoming while loop

Definition at line 573 of file dessertRun.py.

3.3.3.20 int dessertRun.saCn = 1

saCn Documentation

The integer keeping track of the salad count index

Definition at line 132 of file dessertRun.py.

3.3.3.21 dictionary dessertRun.salad = {}

salad dictionary documentation

Slice of the primary dictionary designated for salads

Definition at line 107 of file dessertRun.py.

3.3.3.22 tuple dessertRun.stats = byteify(json.load(response))

stats documentation

A variable that acts as the converted json folder, having passed through byteify

Definition at line 90 of file dessertRun.py.

```
3.3.3.23 int dessertRun.usr_money = 529 usr_money documentation
```

A test value to apply to the code (displayed in cents)

Definition at line 553 of file dessertRun.py.

3.3.3.24 dictionary dessertRun.work\_dict = {}

work\_dict documentation

An empty dictionary that will handle the order[] list to be filled

Definition at line 585 of file dessertRun.py.

# 3.4 drinksRun Namespace Reference

Explanation of this particular module.

#### **Functions**

· def byteify

Byteify documentation.

#### **Variables**

```
• tuple response = urllib2.urlopen("file:MaxDonalds.json")
```

response documentation

tuple stats = byteify(json.load(response))

stats documentation

dictionary drink = {}

drink dictionary documentation

dictionary burger = {}

burger dictionary documentation

• dictionary chicken = {}

chicken dictionary documentation

dictionary salad = {}

salad dictionary documentation

dictionary dessert = {}

dessert dictionary documentation

dictionary fries = {}

fry dictionary documentation

• int drCn = 1

drCn Documentation

• int **buCn** = 1

buCn Documentation

• int chCn = 1

chCn Documentation

• int saCn = 1

saCn Documentation

• int deCn = 1

deCn Documentation

• int frCn = 1

frCn Documentation

• tuple r = len(stats)

len documentation

• int usr\_money = 529

usr money documentation

• budget = usr\_money

budget documentation

• minmoney = budget

minmoney documentation

• int price = 0

price documentation

• int calpercent = 0

calpercent documentation

• int run1 = 0

run1 documentation

• string item = ""

item documentation

• list order = []

order documentation

dictionary work\_dict = {}

work\_dict documentation

### 3.4.1 Detailed Description

Explanation of this particular module. Runs a test based on the drink category

#### 3.4.2 Function Documentation

3.4.2.1 def drinksRun.byteify ( input )

Byteify documentation.

Referenced from the HW4 function Converts the unicode of JSON keys

Definition at line 73 of file drinksRun.py.

### 3.4.3 Variable Documentation

3.4.3.1 int drinksRun.buCn = 1

buCn Documentation

The integer keeping track of the burger count index

Definition at line 124 of file drinksRun.py.

3.4.3.2 drinksRun.budget = usr\_money

budget documentation

Maintains the usr\_money value

Definition at line 557 of file drinksRun.py.

3.4.3.3 dictionary drinksRun.burger = {}

burger dictionary documentation

Slice of the primary dictionary designated for burgers

Definition at line 99 of file drinksRun.py.

3.4.3.4 list drinksRun.calpercent = 0

calpercent documentation

Int for keeping track of the calories of food items per one cent

Definition at line 569 of file drinksRun.py.

3.4.3.5 int drinksRun.chCn = 1

chCn Documentation

The integer keeping track of the chicken count index

Definition at line 128 of file drinksRun.py.

3.4.3.6 dictionary drinksRun.chicken = {}

chicken dictionary documentation

Slice of the primary dictionary designated for chicken

Definition at line 103 of file drinksRun.py.

3.4.3.7 int drinksRun.deCn = 1

deCn Documentation

The integer keeping track of the dessert count index

Definition at line 136 of file drinksRun.py.

3.4.3.8 dictionary drinksRun.dessert = {}

dessert dictionary documentation

Slice of the primary dictionary designated for dessert

Definition at line 111 of file drinksRun.py.

3.4.3.9 int drinksRun.drCn = 1

drCn Documentation

The integer keeping track of the drink count index

Definition at line 120 of file drinksRun.py.

3.4.3.10 dictionary drinksRun.drink = {}

drink dictionary documentation

Slice of the primary dictionary designated for drinks

Definition at line 95 of file drinksRun.py.

3.4.3.11 int drinksRun.frCn = 1

frCn Documentation

The integer keeping track of the fry count index

Definition at line 140 of file drinksRun.py.

3.4.3.12 dictionary drinksRun.fries = {}

fry dictionary documentation

Slice of the primary dictionary designated for fries

Definition at line 115 of file drinksRun.py.

3.4.3.13 drinksRun.item = ""

item documentation

An empty variable that takes the name of an item assigned later

Definition at line 577 of file drinksRun.py.

3.4.3.14 list drinksRun.minmoney = budget

minmoney documentation

Maintains the budget value

Definition at line 561 of file drinksRun.py.

3.4.3.15 list drinksRun.order = []

order documentation

Empty list to be filled with items that pass the tests for the items with the optimal calorie-per-cent rate

Definition at line 581 of file drinksRun.py.

3.4.3.16 list drinksRun.price = 0

price documentation

Standin price variable for the upcoming calculations

Definition at line 565 of file drinksRun.py.

3.4.3.17 tuple drinksRun.r = len(stats)

len documentation

A value to keep track of the stats max length in a for loop that splits it up

Definition at line 147 of file drinksRun.py.

3.4.3.18 tuple drinksRun.response = urllib2.urlopen("file:MaxDonalds.json")

response documentation

Variable for holding the json input file

Definition at line 86 of file drinksRun.py.

3.4.3.19 int drinksRun.run1 = 0

run1 documentation

Acts as a toggle to keep track of the upcoming while loop

Definition at line 573 of file drinksRun.py.

3.4.3.20 int drinksRun.saCn = 1

saCn Documentation

The integer keeping track of the salad count index

Definition at line 132 of file drinksRun.py.

3.4.3.21 dictionary drinksRun.salad = {}

salad dictionary documentation

Slice of the primary dictionary designated for salads

Definition at line 107 of file drinksRun.py.

3.4.3.22 tuple drinksRun.stats = byteify(json.load(response))

stats documentation

A variable that acts as the converted json folder, having passed through byteify

Definition at line 90 of file drinksRun.py.

3.4.3.23 int drinksRun.usr\_money = 529

usr\_money documentation

A test value to apply to the code (displayed in cents)

Definition at line 553 of file drinksRun.py.

3.4.3.24 dictionary drinksRun.work\_dict = {}

work\_dict documentation

An empty dictionary that will handle the order[] list to be filled

Definition at line 585 of file drinksRun.py.

# 3.5 friesRun Namespace Reference

Explanation of this particular module.

### **Functions**

· def byteify

Byteify documentation.

#### **Variables**

```
• tuple response = urllib2.urlopen("file:MaxDonalds.json")
```

response documentation

• tuple stats = byteify(json.load(response))

stats documentation

dictionary drink = {}

drink dictionary documentation

• dictionary burger = {}

burger dictionary documentation

dictionary chicken = {}

chicken dictionary documentation

dictionary salad = {}

salad dictionary documentation

dictionary dessert = {}

dessert dictionary documentation

• dictionary fries = {}

fry dictionary documentation

• int drCn = 1

drCn Documentation

• int **buCn** = 1

buCn Documentation

• int chCn = 1

chCn Documentation

• int saCn = 1

saCn Documentation

• int deCn = 1

deCn Documentation

• int frCn = 1

frCn Documentation

• tuple r = len(stats)

len documentation

• int usr\_money = 529

usr\_money documentation

budget = usr\_money

budget documentation

• minmoney = budget

minmoney documentation

• int price = 0

price documentation

• int calpercent = 0

calpercent documentation

• int run1 = 0

run1 documentation

• string item = ""

item documentation

```
• list order = []
```

order documentation

dictionary work\_dict = {}

work\_dict documentation

# 3.5.1 Detailed Description

Explanation of this particular module. Runs a test based on the fry category

#### 3.5.2 Function Documentation

3.5.2.1 def friesRun.byteify ( input )

Byteify documentation.

Referenced from the HW4 function Converts the unicode of JSON keys

Definition at line 73 of file friesRun.py.

#### 3.5.3 Variable Documentation

3.5.3.1 int friesRun.buCn = 1

buCn Documentation

The integer keeping track of the burger count index

Definition at line 124 of file friesRun.py.

#### 3.5.3.2 friesRun.budget = usr\_money

budget documentation

Maintains the usr\_money value

Definition at line 557 of file friesRun.py.

# 3.5.3.3 dictionary friesRun.burger = {}

burger dictionary documentation

Slice of the primary dictionary designated for burgers

Definition at line 99 of file friesRun.py.

#### 3.5.3.4 list friesRun.calpercent = 0

calpercent documentation

Int for keeping track of the calories of food items per one cent

Definition at line 569 of file friesRun.py.

# 3.5.3.5 int friesRun.chCn = 1

chCn Documentation

The integer keeping track of the chicken count index Definition at line 128 of file friesRun.py.

3.5.3.6 dictionary friesRun.chicken = {}

chicken dictionary documentation

Slice of the primary dictionary designated for chicken

Definition at line 103 of file friesRun.py.

3.5.3.7 int friesRun.deCn = 1

deCn Documentation

The integer keeping track of the dessert count index

Definition at line 136 of file friesRun.py.

3.5.3.8 dictionary friesRun.dessert = {}

dessert dictionary documentation

Slice of the primary dictionary designated for dessert

Definition at line 111 of file friesRun.py.

3.5.3.9 int friesRun.drCn = 1

drCn Documentation

The integer keeping track of the drink count index

Definition at line 120 of file friesRun.py.

3.5.3.10 dictionary friesRun.drink = {}

drink dictionary documentation

Slice of the primary dictionary designated for drinks

Definition at line 95 of file friesRun.py.

3.5.3.11 int friesRun.frCn = 1

frCn Documentation

The integer keeping track of the fry count index

Definition at line 140 of file friesRun.py.

3.5.3.12 dictionary friesRun.fries = {}

fry dictionary documentation

Slice of the primary dictionary designated for fries

Definition at line 115 of file friesRun.py.

3.5.3.13 friesRun.item = ""

item documentation

An empty variable that takes the name of an item assigned later

Definition at line 577 of file friesRun.py.

3.5.3.14 list friesRun.minmoney = budget

minmoney documentation

Maintains the budget value

Definition at line 561 of file friesRun.py.

3.5.3.15 list friesRun.order = []

order documentation

Empty list to be filled with items that pass the tests for the items with the optimal calorie-per-cent rate

Definition at line 581 of file friesRun.py.

3.5.3.16 list friesRun.price = 0

price documentation

Standin price variable for the upcoming calculations

Definition at line 565 of file friesRun.py.

3.5.3.17 tuple friesRun.r = len(stats)

len documentation

A value to keep track of the stats max length in a for loop that splits it up

Definition at line 147 of file friesRun.py.

3.5.3.18 tuple friesRun.response = urllib2.urlopen("file:MaxDonalds.json")

response documentation

Variable for holding the json input file

Definition at line 86 of file friesRun.py.

3.5.3.19 int friesRun.run1 = 0

run1 documentation

Acts as a toggle to keep track of the upcoming while loop

Definition at line 573 of file friesRun.py.

3.5.3.20 int friesRun.saCn = 1

saCn Documentation

The integer keeping track of the salad count index

Definition at line 132 of file friesRun.py.

3.5.3.21 dictionary friesRun.salad = {}

salad dictionary documentation

Slice of the primary dictionary designated for salads

Definition at line 107 of file friesRun.py.

3.5.3.22 tuple friesRun.stats = byteify(json.load(response))

stats documentation

A variable that acts as the converted json folder, having passed through byteify

Definition at line 90 of file friesRun.py.

3.5.3.23 int friesRun.usr\_money = 529

usr\_money documentation

A test value to apply to the code (displayed in cents)

Definition at line 553 of file friesRun.py.

3.5.3.24 dictionary friesRun.work\_dict = {}

work\_dict documentation

An empty dictionary that will handle the order[] list to be filled

Definition at line 585 of file friesRun.py.

### 3.6 saladRun Namespace Reference

Explanation of this particular module.

#### **Functions**

· def byteify

Byteify documentation.

#### **Variables**

• tuple response = urllib2.urlopen("file:MaxDonalds.json")

response documentation

• tuple stats = byteify(json.load(response))

stats documentation

dictionary drink = {}

drink dictionary documentation

dictionary burger = {}

burger dictionary documentation

• dictionary chicken = {}

```
chicken dictionary documentation
dictionary salad = {}
     salad dictionary documentation
dictionary dessert = {}
     dessert dictionary documentation
• dictionary fries = {}
     fry dictionary documentation
• int drCn = 1
     drCn Documentation
• int buCn = 1
     buCn Documentation
• int chCn = 1
     chCn Documentation
• int saCn = 1
     saCn Documentation
• int deCn = 1
     deCn Documentation
• int frCn = 1
     frCn Documentation
• tuple r = len(stats)
     len documentation
• int usr_money = 529
     usr_money documentation
• budget = usr_money
     budget documentation
• minmoney = budget
     minmoney documentation
• int price = 0
     price documentation
• int calpercent = 0
     calpercent documentation
• int run1 = 0
     run1 documentation
string item = ""
     item documentation
• list order = []
     order documentation
dictionary work_dict = {}
     work_dict documentation
```

#### 3.6.1 Detailed Description

Explanation of this particular module. Runs a test based on the salad category

#### 3.6.2 Function Documentation

#### 3.6.2.1 def saladRun.byteify ( input )

Byteify documentation.

Referenced from the HW4 function Converts the unicode of JSON keys

Definition at line 73 of file saladRun.py.

#### 3.6.3 Variable Documentation

3.6.3.1 int saladRun.buCn = 1

buCn Documentation

The integer keeping track of the burger count index

Definition at line 124 of file saladRun.py.

3.6.3.2 saladRun.budget = usr money

budget documentation

Maintains the usr\_money value

Definition at line 557 of file saladRun.py.

3.6.3.3 dictionary saladRun.burger = {}

burger dictionary documentation

Slice of the primary dictionary designated for burgers

Definition at line 99 of file saladRun.py.

3.6.3.4 list saladRun.calpercent = 0

calpercent documentation

Int for keeping track of the calories of food items per one cent

Definition at line 569 of file saladRun.py.

3.6.3.5 int saladRun.chCn = 1

chCn Documentation

The integer keeping track of the chicken count index

Definition at line 128 of file saladRun.py.

3.6.3.6 dictionary saladRun.chicken = {}

chicken dictionary documentation

Slice of the primary dictionary designated for chicken

Definition at line 103 of file saladRun.py.

3.6.3.7 int saladRun.deCn = 1

deCn Documentation

The integer keeping track of the dessert count index

Definition at line 136 of file saladRun.py.

3.6.3.8 dictionary saladRun.dessert = {}

dessert dictionary documentation

Slice of the primary dictionary designated for dessert

Definition at line 111 of file saladRun.py.

3.6.3.9 int saladRun.drCn = 1

drCn Documentation

The integer keeping track of the drink count index

Definition at line 120 of file saladRun.py.

3.6.3.10 dictionary saladRun.drink = {}

drink dictionary documentation

Slice of the primary dictionary designated for drinks

Definition at line 95 of file saladRun.py.

3.6.3.11 int saladRun.frCn = 1

frCn Documentation

The integer keeping track of the fry count index

Definition at line 140 of file saladRun.py.

3.6.3.12 dictionary saladRun.fries = {}

fry dictionary documentation

Slice of the primary dictionary designated for fries

Definition at line 115 of file saladRun.py.

3.6.3.13 saladRun.item = ""

item documentation

An empty variable that takes the name of an item assigned later

Definition at line 577 of file saladRun.py.

3.6.3.14 list saladRun.minmoney = budget

minmoney documentation

Maintains the budget value

Definition at line 561 of file saladRun.py.

3.6.3.15 list saladRun.order = []

order documentation

Empty list to be filled with items that pass the tests for the items with the optimal calorie-per-cent rate

Definition at line 581 of file saladRun.py.

3.6.3.16 list saladRun.price = 0

price documentation

Standin price variable for the upcoming calculations

Definition at line 565 of file saladRun.py.

3.6.3.17 tuple saladRun.r = len(stats)

len documentation

A value to keep track of the stats max length in a for loop that splits it up

Definition at line 147 of file saladRun.py.

3.6.3.18 tuple saladRun.response = urllib2.urlopen("file:MaxDonalds.json")

response documentation

Variable for holding the json input file

Definition at line 86 of file saladRun.py.

3.6.3.19 int saladRun.run1 = 0

run1 documentation

Acts as a toggle to keep track of the upcoming while loop

Definition at line 573 of file saladRun.py.

3.6.3.20 int saladRun.saCn = 1

saCn Documentation

The integer keeping track of the salad count index

Definition at line 132 of file saladRun.py.

3.6.3.21 dictionary saladRun.salad = {}

salad dictionary documentation

Slice of the primary dictionary designated for salads

Definition at line 107 of file saladRun.py.

3.6.3.22 tuple saladRun.stats = byteify(json.load(response))

stats documentation

A variable that acts as the converted json folder, having passed through byteify

Definition at line 90 of file saladRun.py.

3.6.3.23 int saladRun.usr\_money = 529

usr\_money documentation

A test value to apply to the code (displayed in cents)

Definition at line 553 of file saladRun.py.

3.6.3.24 dictionary saladRun.work\_dict = {}

work\_dict documentation

An empty dictionary that will handle the order[] list to be filled

Definition at line 585 of file saladRun.py.

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## **Chapter 4**

## **File Documentation**

## 4.1 burgerRun.py File Reference

#### **Namespaces**

• burgerRun

Explanation of this particular module.

#### **Functions**

· def burgerRun.byteify

Byteify documentation.

#### **Variables**

```
    tuple burgerRun.response = urllib2.urlopen("file:MaxDonalds.json")
    response documentation
```

• tuple burgerRun.stats = byteify(json.load(response))

stats documentation

dictionary burgerRun.drink = {}

drink dictionary documentation

• dictionary burgerRun.burger = {}

burger dictionary documentation

• dictionary burgerRun.chicken = {}

chicken dictionary documentation

dictionary burgerRun.salad = {}

salad dictionary documentation

dictionary burgerRun.dessert = {}

dessert dictionary documentation

dictionary burgerRun.fries = {}

fry dictionary documentation

• int burgerRun.drCn = 1

drCn Documentation

• int burgerRun.buCn = 1

buCn Documentation

• int burgerRun.chCn = 1

chCn Documentation

```
• int burgerRun.saCn = 1
```

saCn Documentation

• int burgerRun.deCn = 1

deCn Documentation

• int burgerRun.frCn = 1

frCn Documentation

• tuple burgerRun.r = len(stats)

len documentation

• int burgerRun.usr\_money = 529

usr money documentation

burgerRun.budget = usr\_money

budget documentation

• burgerRun.minmoney = budget

minmoney documentation

• int burgerRun.price = 0

price documentation

• int burgerRun.calpercent = 0

calpercent documentation

• int burgerRun.run1 = 0

run1 documentation

• string burgerRun.item = ""

item documentation

• list burgerRun.order = []

order documentation

dictionary burgerRun.work\_dict = {}

work\_dict documentation

### 4.2 chickenRun.py File Reference

#### **Namespaces**

• chickenRun

Explanation of this particular module.

#### **Functions**

· def chickenRun.byteify

Byteify documentation.

#### **Variables**

• tuple chickenRun.response = urllib2.urlopen("file:MaxDonalds.json")

response documentation

• tuple chickenRun.stats = byteify(json.load(response))

stats documentation

dictionary chickenRun.drink = {}

drink dictionary documentation

dictionary chickenRun.burger = {}

burger dictionary documentation

dictionary chickenRun.chicken = {} chicken dictionary documentation dictionary chickenRun.salad = {} salad dictionary documentation dictionary chickenRun.dessert = {} dessert dictionary documentation dictionary chickenRun.fries = {} fry dictionary documentation • int chickenRun.drCn = 1 drCn Documentation • int chickenRun.buCn = 1 buCn Documentation • int chickenRun.chCn = 1 chCn Documentation • int chickenRun.saCn = 1 saCn Documentation • int chickenRun.deCn = 1 deCn Documentation • int chickenRun.frCn = 1 frCn Documentation • tuple chickenRun.r = len(stats) len documentation • int chickenRun.usr\_money = 529 usr\_money documentation chickenRun.budget = usr\_money budget documentation • chickenRun.minmoney = budget minmoney documentation • int chickenRun.price = 0 price documentation • int chickenRun.calpercent = 0 calpercent documentation • int chickenRun.run1 = 0 run1 documentation

# • list chickenRun.order = []

order documentation

• string chickenRun.item = "" item documentation

dictionary chickenRun.work\_dict = {}

work dict documentation

## dessertRun.py File Reference

#### **Namespaces**

dessertRun

Explanation of this particular module.

#### **Functions**

· def dessertRun.byteify

Byteify documentation.

#### **Variables**

tuple dessertRun.response = urllib2.urlopen("file:MaxDonalds.json")

response documentation

tuple dessertRun.stats = byteify(json.load(response))

stats documentation

dictionary dessertRun.drink = {}

drink dictionary documentation

dictionary dessertRun.burger = {}

burger dictionary documentation

dictionary dessertRun.chicken = {}

chicken dictionary documentation

dictionary dessertRun.salad = {}

salad dictionary documentation

dictionary dessertRun.dessert = {}

dessert dictionary documentation

dictionary dessertRun.fries = {}

fry dictionary documentation

• int dessertRun.drCn = 1

drCn Documentation

• int dessertRun.buCn = 1

buCn Documentation

• int dessertRun.chCn = 1

chCn Documentation

• int dessertRun.saCn = 1

saCn Documentation

• int dessertRun.deCn = 1

deCn Documentation

• int dessertRun.frCn = 1

frCn Documentation

tuple dessertRun.r = len(stats)

len documentation

• int dessertRun.usr\_money = 529

usr\_money documentation

dessertRun.budget = usr\_money

budget documentation

dessertRun.minmoney = budget

minmoney documentation

int dessertRun.price = 0

price documentation

• int dessertRun.calpercent = 0

calpercent documentation

• int dessertRun.run1 = 0

run1 documentation

• string dessertRun.item = ""

item documentation

```
    list dessertRun.order = []
        order documentation
    dictionary dessertRun.work_dict = {}
        work_dict documentation
```

## 4.4 drinksRun.py File Reference

#### **Namespaces**

• drinksRun

Explanation of this particular module.

#### **Functions**

def drinksRun.byteify
 Byteify documentation.

#### **Variables**

```
• tuple drinksRun.response = urllib2.urlopen("file:MaxDonalds.json")
response documentation
```

• tuple drinksRun.stats = byteify(json.load(response))

stats documentation

dictionary drinksRun.drink = {}

drink dictionary documentation

dictionary drinksRun.burger = {}

burger dictionary documentation

dictionary drinksRun.chicken = {}

chicken dictionary documentation

dictionary drinksRun.salad = {}

salad dictionary documentation

dictionary drinksRun.dessert = {}

dessert dictionary documentation

• dictionary drinksRun.fries = {}

fry dictionary documentation

• int drinksRun.drCn = 1

drCn Documentation

• int drinksRun.buCn = 1

buCn Documentation

• int drinksRun.chCn = 1

chCn Documentation

int drinksRun.saCn = 1

saCn Documentation

int drinksRun.deCn = 1

deCn Documentation

• int drinksRun.frCn = 1

frCn Documentation

• tuple drinksRun.r = len(stats)

len documentation

```
• int drinksRun.usr_money = 529
```

usr\_money documentation

drinksRun.budget = usr\_money

budget documentation

drinksRun.minmoney = budget

minmoney documentation

• int drinksRun.price = 0

price documentation

• int drinksRun.calpercent = 0

calpercent documentation

• int drinksRun.run1 = 0

run1 documentation

• string drinksRun.item = ""

item documentation

• list drinksRun.order = []

order documentation

dictionary drinksRun.work\_dict = {}

work\_dict documentation

## 4.5 friesRun.py File Reference

#### **Namespaces**

• friesRun

Explanation of this particular module.

#### **Functions**

· def friesRun.byteify

Byteify documentation.

#### **Variables**

• tuple friesRun.response = urllib2.urlopen("file:MaxDonalds.json")

response documentation

• tuple friesRun.stats = byteify(json.load(response))

stats documentation

dictionary friesRun.drink = {}

drink dictionary documentation

dictionary friesRun.burger = {}

burger dictionary documentation

dictionary friesRun.chicken = {}

chicken dictionary documentation

dictionary friesRun.salad = {}

salad dictionary documentation

dictionary friesRun.dessert = {}

dessert dictionary documentation

dictionary friesRun.fries = {}

fry dictionary documentation

```
    int friesRun.drCn = 1
        drCn Documentation
    int friesRun.buCn = 1
        buCn Documentation
    int friesRun.chCn = 1
```

chCn Documentation

• int friesRun.saCn = 1

saCn Documentation

• int friesRun.deCn = 1

deCn Documentation

• int friesRun.frCn = 1

frCn Documentation

• tuple friesRun.r = len(stats)

len documentation

• int friesRun.usr\_money = 529

usr\_money documentation

• friesRun.budget = usr\_money

budget documentation

friesRun.minmoney = budget

minmoney documentation

• int friesRun.price = 0

price documentation

• int friesRun.calpercent = 0

calpercent documentation

• int friesRun.run1 = 0

run1 documentation

• string friesRun.item = ""

item documentation

• list friesRun.order = []

order documentation

dictionary friesRun.work\_dict = {}

work\_dict documentation

## 4.6 saladRun.py File Reference

#### **Namespaces**

• saladRun

Explanation of this particular module.

#### **Functions**

· def saladRun.byteify

Byteify documentation.

#### **Variables**

 tuple saladRun.response = urllib2.urlopen("file:MaxDonalds.json") response documentation tuple saladRun.stats = byteify(json.load(response)) stats documentation dictionary saladRun.drink = {} drink dictionary documentation dictionary saladRun.burger = {} burger dictionary documentation dictionary saladRun.chicken = {} chicken dictionary documentation dictionary saladRun.salad = {} salad dictionary documentation dictionary saladRun.dessert = {} dessert dictionary documentation dictionary saladRun.fries = {} fry dictionary documentation • int saladRun.drCn = 1 drCn Documentation int saladRun.buCn = 1 buCn Documentation int saladRun.chCn = 1 chCn Documentation • int saladRun.saCn = 1 saCn Documentation • int saladRun.deCn = 1 deCn Documentation • int saladRun.frCn = 1 frCn Documentation • tuple saladRun.r = len(stats) len documentation • int saladRun.usr\_money = 529 usr\_money documentation saladRun.budget = usr money budget documentation saladRun.minmoney = budget minmoney documentation • int saladRun.price = 0 price documentation • int saladRun.calpercent = 0 calpercent documentation • int saladRun.run1 = 0 run1 documentation • string saladRun.item = "" item documentation • list saladRun.order = [] order documentation dictionary saladRun.work\_dict = {}

work\_dict documentation

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