# Arguments

| Argument | Explanation | Examples |
|---|---|---|
| OrderName | An single string ending with an order number, any positive integer works | CoffeeOrder1, CoffeeOrder2, BirthdayParty10, etc.. |
| ProductsName | A single string containing only letters | GroceryBasket, BirthdayInventory, CoffeeRefill, etc... |
| IterableVariable | A string that is used to represent a list of Product in an Order | temp, product, etc... |
| Num | A Positive Integer | 1, 7, 100, etc.. |
| Product | Apple, Banana, Pear, Grape, Pomegranate, Watermelon, Cherry, Peach, Milk, Egg, Pork, Beef, Chicken, Granola, Tea, Coffee, Pizza, Soda, Carrot, Pepper, Water, Bagel, Bread, Cheese, Fries, Lemon, Orange | |

# Statements

| Statements | Statement Format | Example Input |
|---|---|---|
| Go To | goTo **Product**; | goTo Coffee; |
|  | goTo **FrontHouse**; | goTo fronthouse; |
|  | goTo **IterableVariable**; | goTo temp; |
| Pickup | pickup **Num Product** to products **ProductsName**; | pickup 5 Watermelon to products PicnicBasket; |
|  | pickup **Num IterableVariable** to products **ProductsName**; | pickup 3 temp to products LoopingProducts; |
| Dropoff | dropoff **Product** from products **ProductsName**; | dropoff Milk from products LactoseIntolerantBasket; |
|  | dropoff **IterableVariable** from products **ProductsName**; | dropoff temp from products LoopingProducts |
| Restock | restock **Num Product**; | restock 100 Coffee; |
| Fulfill | fulfill **OrderName** with products **ProductsName**; | fulfill PicnicParty1 with products GroceryBasket; |
| Add | add **Num Product** to order **OrderName**; | add 5 Watermelon to order PicnicParty1; |

# Calls

| Call | Call Format | Example Input |
|------|-------------|---------------|
| **Create Order** | create order **OrderName**; | create order EmptyOrder1; |
| | create order **OrderName** with **Num Product**; | create order CoffeeOrder1 with 1 Coffee; |
| | create order **OrderName** with **Num Product, Num Product, ..., Num Product**; | create order LatteOrder1 with 1 Coffee, 2 Milk; |
| **Create Products** | create products **ProductsName**; | create products GroceryBasket; |

# Expressions

| Expression | Expression Format | Example Input |
|------------|-------------------|---------------|
| **Check Order Availability** | check availability of order **OrderName** | check availability of order PicnicParty1 |
| **Check Product Availability** | check availability of products **Num Product** | check availability of products 3 Coffee |

# Structures

| Structure | Structure Format | Example Input |
|---|---|---|
| **If** | if *expression* {<br>    *calls/structures/statements;*<br>} | if check availability of products 1 Coffee {<br><br>add 1 Coffee to order GroceryList1;<br>goTo Coffee;<br>pickup 1 Coffee to products GroceryBasket;<br><br>} |
| **If Not** | ifNot *expression* {<br>    *calls/structures/statements;*<br>} | ifNot check availability of products 1 Chicken {<br><br>add 1 Beef to order GroceryList1;<br><br>} |
| **Every** | every **IterableVariable** in **OrderName** {<br>    **GoTo/Pickup/Dropoff;**<br>} | every product in order latteOrder1 {<br>goTo product;<br>pickup 5 product to products returnProducts;<br>} |