Example 1

```
Choice          Action
------          ------
A               Add Product
C               Compute Total Costs
S               Search for Product
L               List Products
Q               Quit
?               Display Help
```

What action would you like to perform? **A**
Please enter a product information to add: **Food/F0021/100/0.38/Lemon/0.124/10.01.2015**
What action would you like to perform? **L**

```
Food:
Product ID:      F0021
Quantity:        100
Unit Price:      $0.38
Total Cost:      $0.00
Food Name:       Lemon
Damage Rate:     12.40%
Expiration date: 10.01.2015
```

What action would you like to perform? **C**
total costs computed
What action would you like to perform? **L**

```
Food:
Product ID:      F0021
Quantity:        100
Unit Price:      $0.38
Total Cost:      $42.71
Food Name:       Lemon
Damage Rate:     12.40%
Expiration date: 10.01.2015
```

What action would you like to perform? **Q**

Example 2

```
Choice          Action
------          ------
A               Add Product
C               Compute Total Costs
S               Search for Product
L               List Products
Q               Quit
?               Display Help
```

What action would you like to perform? **A**
Please enter a product information to add: **Food/F0011/350/0.21/Banana/0.093/09.28.2015**
What action would you like to perform? **A**
Please enter a product information to add: **Clothing/C0001/30/19.99/Medium/Blue**
What action would you like to perform? **L**

```
Food:
Product ID:         F0011
Quantity:           350
Unit Price:         $0.21
Total Cost:         $0.00
Food Name:          Banana
Damage Rate:        9.30%
Expiration date:    09.28.2015

Clothing:
Product ID:         C0001
Quantity:           30
Unit Price:         $19.99
Total Cost:         $0.00
Size:               Medium
Color:              Blue
```

What action would you like to perform? **S**
Please enter a productId to search: **F0021**
product not found
What action would you like to perform? **S**
Please enter a productId to search: **C0001**

product found
What action would you like to perform? **C**
total costs computed
What action would you like to perform? **L**

```
Food:
Product ID:             F0011
Quantity:               350
```

```
Unit Price:        $0.21
Total Cost:        $80.34
Food Name:         Banana
Damage Rate:       9.30%
Expiration date:   09.28.2015


Clothing:
Product ID:        C0001
Quantity:          30
Unit Price:        $19.99
Total Cost:        $599.70
Size:              Medium
Color:             Blue

What action would you like to perform?Q
```

Example 3

```
Choice          Action
------          ------
A               Add Product
C               Compute Total Costs
S               Search for Product
L               List Products
Q               Quit
?               Display Help
```

What action would you like to perform?**L**
no product
What action would you like to perform?**A**
Please enter a product information to add: **Clothing/C0001/20/39.95/Small/White**
What action would you like to perform?**A**
Please enter a product information to add: **Food/F0001/100/0.21/Banana/0.080/09.28.2015**
What action would you like to perform?**A**
Please enter a product information to add: **Food/F0002/300/0.05/Orange/0.091/10.07.2015**
What action would you like to perform?**C**
total costs computed
What action would you like to perform?**L**

```
Clothing:
Product ID:      C0001
Quantity:        20
Unit Price:      $39.95
Total Cost:      $799.00
Size:            Small
Color:           White


Food:
Product ID:      F0001
Quantity:        100
Unit Price:      $0.21
Total Cost:      $22.68
Food Name:       Banana
Damage Rate:     8.00%
Expiration date: 09.28.2015


Food:
Product ID:      F0002
Quantity:        300
Unit Price:      $0.05
Total Cost:      $16.36
Food Name:       Orange
```

```
Damage Rate:        9.10%
Expiration date:    10.07.2015

What action would you like to perform?S
Please enter a productId to search: F0001
product found
What action would you like to perform?S
Please enter a productId to search: C0001
product found
What action would you like to perform?S
Please enter a productId to search: F0021
product not found
What action would you like to perform?L

Clothing:
Product ID:        C0001
Quantity:          20
Unit Price:        $39.95
Total Cost:        $799.00
Size:              Small
Color:             White


Food:
Product ID:        F0001
Quantity:          100
Unit Price:        $0.21
Total Cost:        $22.68
Food Name:         Banana
Damage Rate:       8.00%
Expiration date:   09.28.2015


Food:
Product ID:        F0002
Quantity:          300
Unit Price:        $0.05
Total Cost:        $16.36
Food Name:         Orange
Damage Rate:       9.10%
Expiration date:   10.07.2015

What action would you like to perform?Q
```

```
Example 4
Choice          Action
------          ------
A               Add Product
C               Compute Total Costs
S               Search for Product
L               List Products
Q               Quit
?               Display Help

What action would you like to perform?A
Please enter a product information to add: Clothing/C0002/20/39.95/Large/Black
What action would you like to perform?A
Please enter a product information to add: Food/F0006/350/0.08/Apple/0.072/10.07.2015
What action would you like to perform?C
total costs computed
What action would you like to perform?W
Unknown action
What action would you like to perform?L

Clothing:
Product ID:       C0002
Quantity:         20
Unit Price:       $39.95
Total Cost:       $799.00
Size:             Large
Color:            Black

Food:
Product ID:       F0006
Quantity:         350
Unit Price:       $0.08
Total Cost:       $30.02
Food Name:        Apple
Damage Rate:      7.20%
Expiration date:  10.07.2015

What action would you like to perform??
Choice          Action
------          ------
A               Add Product
C               Compute Total Costs
S               Search for Product
L               List Products
Q               Quit
?               Display Help
```

What action would you like to perform?S
Please enter a productId to search: F0006
product found
What action would you like to perform?S
Please enter a productId to search: C0001
product not found
What action would you like to perform?L

Clothing:
Product ID: C0002
Quantity: 20
Unit Price: $39.95
Total Cost: $799.00
Size: Large
Color: Black

Food:
Product ID: F0006
Quantity: 350
Unit Price: $0.08
Total Cost: $30.02
Food Name: Apple
Damage Rate: 7.20%
Expiration date: 10.07.2015

What action would you like to perform?Q