test_customer_factory...ok
test_food_factory...ok
test_service_factory...ok
test_records...ok
test_outage_records...ok
test_inventory...ok
test_food_store_config...ok
test_food_store_retrieve_single_roll_type...ok
test_food_store_retrieve_all_roll_type...ok
test_food_store_cover_shortage...ok

```
--Food Store at <220 Summit Blvd> on <Day 01>--
***************************** Day Begin Inventory ************************
       Roll: 30
Jelly Roll: 30
Pastry Roll: 30
Spring Roll: 30
Sausage Roll: 30
Customer: 468121027 < Casual >
                                Price: 5.666100
                                                   Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 468121027 < Casual >
                                Price: 5.666237
                                                  Description: JellyRoll <extra Topping> <extra Topping>
 Customer: 1927950199 <Catering>
                                   Price: 5.924193
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1927950199 <Catering>
                                   Price: 5.895154
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1927950199 <Catering>
                                   Price: 5.666100
                                                     Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 1927950199 <Catering>
                                   Price: 6.073187
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1927950199 <Catering>
                                   Price: 5.808033
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1927950199 <Catering>
                                   Price: 4.682373
                                                     Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1927950199 <Catering>
                                   Price: 4.613175
                                                     Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 1927950199 <Catering>
                                   Price: 4.895538
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1927950199 <Catering>
                                   Price: 4.500000
                                                     Description: SausageRoll
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1927950199 <Catering>
                                   Price: 4.919774
 Customer: 1927950199 <Catering>
                                   Price: 5.192231
                                                     Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1927950199 <Catering>
                                   Price: 5.039900
                                                     Description: SpringRoll <extra Filling>
                                                     Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1927950199 <Catering>
                                   Price: 5.243639
 Customer: 1927950199 <Catering>
                                   Price: 4.990000
                                                     Description: SpringRoll
 Customer: 1927950199 <Catering>
                                   Price: 5.064850
                                                     Description: SpringRoll <extra Topping>
                                                   Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 868693306 < Casual >
                                Price: 5.638325
 Customer: 868693306 < Casual >
                                 Price: 5.924193
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 868693306 <Casual>
                                Price: 5.666237
                                                   Description: JellyRoll <extra Topping> <extra Topping>
 Customer: 1746572565 <Catering>
                                   Price: 5.269470
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
                                                     Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1746572565 <Catering>
                                   Price: 5.243639
 Customer: 1746572565 <Catering>
                                   Price: 5.064850
                                                     Description: SpringRoll <extra Topping>
 Customer: 1746572565 <Catering>
                                   Price: 5.296075
                                                     Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1746572565 <Catering>
                                   Price: 5.269470
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1746572565 <Catering>
                                   Price: 4.500000
                                                     Description: SausageRoll
 Customer: 1746572565 <Catering>
                                   Price: 4.895538
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                                     Description: SausageRoll <extra Sauce>
 Customer: 1746572565 <Catering>
                                   Price: 4.590000
 Customer: 1746572565 <Catering>
                                   Price: 4.968971
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1746572565 <Catering>
                                   Price: 4.681800
                                                     Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 1746572565 <Catering>
                                   Price: 5.280030
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1746572565 <Catering>
                                   Price: 5.412822
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1746572565 <Catering>
                                   Price: 5.385631
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1746572565 <Catering>
                                   Price: 5.254020
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1746572565 <Catering>
                                   Price: 5.521079
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 989110044 <Casual>
                                 Price: 5.192231
                                                   Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 989110044 <Casual>
                                 Price: 5.374859
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 989110044 <Casual>
                                Price: 5.039900
                                                   Description: SpringRoll <extra Filling>
 Customer: 424058530 <Business>
                                  Price: 5,412822
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 424058530 <Business>
                                  Price: 5.306689
                                                     Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 424058530 <Business>
                                  Price: 5.954105
                                                     Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 424058530 <Business>
                                  Price: 5.666100
                                                     Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 424058530 <Business>
                                  Price: 6.000000
                                                     Description: PastryRoll
 Customer: 424058530 <Business>
                                  Price: 6.431076
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 424058530 <Business>
                                  Price: 4.681800
                                                     Description: SausageRoll <extra Sauce> <extra Sauce>
                                                     Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 424058530 <Business>
                                  Price: 4.636013
 Customer: 424058530 <Business>
                                  Price: 5.243512
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
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Customer: 424058530 <Business>
                                 Price: 5.455482
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 321001045 <Business>
                                 Price: 5.254020
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
                                 Price: 5.000000
 Customer: 321001045 <Business>
                                                   Description: EggRoll
 Customer: 321001045 <Business>
                                 Price: 5.666100
                                                   Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 321001045 <Business>
                                 Price: 5.836644
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 321001045 <Business>
                                 Price: 6.336036
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 321001045 <Business>
                                 Price: 6.368027
                                                   Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 321001045 <Business>
                                 Price: 4.590000
                                                   Description: SausageRoll <extra Sauce>
                                                   Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 321001045 <Business>
                                 Price: 4.636013
 Customer: 321001045 <Business>
                                 Price: 5.322165
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 321001045 <Business>
                                 Price: 5.243512
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 791452441 <Business>
                                 Price: 5.385631
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                 Price: 5.254020
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 791452441 <Business>
 Customer: 791452441 <Business>
                                 Price: 5.837358
                                                   Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 791452441 <Business>
                                 Price: 6.013056
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 6.304977
                                                   Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 791452441 <Business>
 Customer: 791452441 <Business>
                                 Price: 6.431076
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 791452441 <Business>
                                 Price: 4.847068
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 791452441 <Business>
                                 Price: 4.847068
 Customer: 791452441 <Business>
                                 Price: 5.140822
                                                   Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 791452441 <Business>
                                 Price: 5.089800
                                                   Description: SpringRoll <extra Sauce>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 16
Product: EggRoll Total sell: 11
Product: PastryRoll Total sell: 6
Product: SpringRoll Total sell: 19
Product: SausageRoll Total sell: 16
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 44.168083
Customer: Catering Total bill: 155.141525
Customer: Business Total bill: 164.190979
Total payment: 363.500580
Egg Roll: 19
Jelly Roll: 14
Pastry Roll: 24
Spring Roll: 11
Sausage Roll: 14
-Food Store at <220 Summit Blvd> on <Day 02>-
Roll: 19
Jelly Roll: 14
Pastry Roll: 24
Spring Roll: 11
Sausage Roll: 14
***************************** Day Begin Inventory **********************
 Customer: 834600351 <Catering> Price: 4.968971 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 834600351 <Catering>
                                 Price: 4.728733
                                                   Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 834600351 <Catering>
                                 Price: 4.636013
                                                   Description: SausageRoll <extra Topping> <extra Topping>
                                                   Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 834600351 <Catering>
                                 Price: 4.681800
 Customer: 834600351 <Catering>
                                 Price: 4.705439
                                                   Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 834600351 <Catering>
                                 Price: 5.348382
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 834600351 <Catering>
                                 Price: 5.039900
                                                   Description: SpringRoll <extra Filling>
 Customer: 834600351 <Catering>
                                 Price: 5.510037
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 834600351 <Catering>
                                 Price: 5.089800
                                                   Description: SpringRoll <extra Sauce>
                                 Price: 5.401998
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 834600351 <Catering>
 Customer: 834600351 <Catering>
                                 Price: 5.151125
                                                   Description: EggRoll <extra Topping> <extra Topping>
 Customer: 834600351 <Catering>
                                 Price: 5.254148
                                                   Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 834600351 <Catering>
                                 Price: 5.228265
                                                   Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 834600351 <Catering>
                                 Price: 5.359100
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                 Price: 5.359100
 Customer: 834600351 <Catering>
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 471910020 <Casual>
                                Price: 5.064850
                                                 Description: SpringRoll <extra Topping>
                                Price: 5.140822
                                                 Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 471910020 <Casual>
                               Price: 5.140698
                                                 Description: SpringRoll <extra Sauce> <extra Filling>
 Customer: 471910020 <Casual>
```

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Customer: 531885035 < Casual >
                                Price: 6.625295
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 531885035 < Casual>
                                Price: 6.304824
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1418481495 < Casual >
                                 Price: 5.064850
                                                   Description: SpringRoll <extra Topping>
 Customer: 1418481495 < Casual>
                                 Price: 5.455482
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 303563356 <Business>
                                  Price: 5.359230
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 303563356 <Business>
                                  Price: 5.306689
                                                    Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 303563356 <Business>
                                  Price: 5.722200
                                                    Description: JellyRoll <extra Sauce> <extra Sauce>
 Customer: 303563356 <Business>
                                  Price: 5.866113
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 303563356 <Business>
                                  Price: 6.120000
                                                    Description: PastryRoll <extra Sauce>
 Customer: 303563356 <Business>
                                  Price: 6.527384
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 303563356 <Business>
                                  Price: 4.776020
                                                    Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 303563356 <Business>
                                  Price: 4.728618
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 2
Product: EggRoll Total sell: 7
Product: PastryRoll Total sell: 4
Product: SpringRoll Total sell: 10
Product: SausageRoll Total sell: 7
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 38.796822
Customer: Catering Total bill: 76.462814
Customer: Business Total bill: 44.406258
Total payment: 159.665894
----> Orders impacted by a roll outage by customer type <----
Customer: Business Outage: 1
Total outage: 1
Roll: 12
Jelly Roll: 12
Pastry Roll: 20
Spring Roll: 1
Sausage Roll: 7
-Food Store at <220 Summit Blvd> on <Day 03>-
***************************** Day Begin Inventory ************************
       Roll: 12
Jelly Roll: 12
Pastry Roll: 20
Spring Roll: 1
Sausage Roll: 7
******************************* Day Begin Inventory *********************
 Customer: 135721597 <Casual>
                                Price: 6.273918
                                                  Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 135721597 <Casual>
                                Price: 6.243164
                                                 Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 142257191 <Casual>
                                Price: 5.374859
                                                 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1044036744 < Casual >
                                 #Exec: selected roll is sold out!
 Customer: 1826771953 < Casual>
                                 Price: 6.060000 Description: PastryRoll <extra Filling>
 Customer: 1406718218 < Catering>
                                   Price: 6.073187
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1406718218 <Catering>
                                   Price: 5.779562
                                                     Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1406718218 <Catering>
                                   Price: 5.836644
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1406718218 < Catering>
                                   Price: 5.895010
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1406718218 <Catering>
                                   Price: 5.779422
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
                                                     Description: PastryRoll <extra Topping>
 Customer: 1406718218 <Catering>
                                   Price: 6.090000
 Customer: 1406718218 < Catering>
                                   Price: 6.273918
                                                     Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1406718218 < Catering>
                                   Price: 6.211800
                                                     Description: PastryRoll <extra Sauce> <extra Topping>
 Customer: 1406718218 <Catering>
                                   Price: 6.367248
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1406718218 <Catering>
                                   Price: 6.559698
                                   Price: 5.254148
                                                     Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1406718218 <Catering>
 Customer: 1406718218 <Catering>
                                   Price: 5.050000
                                                     Description: EggRoll <extra Filling>
                                                     Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1406718218 <Catering>
                                   Price: 5.202636
 Customer: 1406718218 <Catering>
                                   Price: 5.254020
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
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Customer: 1406718218 <Catering>
                                   Price: 5.385631
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                Price: 5.521079
 Customer: 245257410 <Casual>
                                                  Description: EdgRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 245257410 <Casual>
                                Price: 5.306689
                                                  Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 245257410 <Casual>
                                Price: 5,439487
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1705736037 < Casual>
                                 Price: 4.590000
                                                   Description: SausageRoll <extra Sauce>
 Customer: 1705736037 < Casual>
                                 Price: 4.799547
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 455659002 <Casual>
                                #Exec: selected roll is sold out!
 Customer: 250421012 <Casual>
                                Price: 5.555000
                                                  Description: JellyRoll <extra Filling>
 Customer: 1915318863 < Casual>
                                 Price: 5.254020
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1283928880 < Casual>
                                 Price: 5.666237
                                                   Description: JellyRoll <extra Topping> <extra Topping>
 Customer: 1283928880 < Casual>
                                 Price: 5.500000
                                                   Description: JellyRoll
 Customer: 1283928880 < Casual>
                                 Price: 6.013056
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 295530567 <Casual>
                                Price: 4.658850
                                                  Description: SausageRoll <extra Sauce> <extra Topping>
 Customer: 2003749087 <Business>
                                   Price: 5.466415
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                                     Description: EggRoll <extra Topping> <extra Topping>
 Customer: 2003749087 <Business>
                                   Price: 5.151125
 Customer: 2003749087 <Business>
                                   Price: 5.808033
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2003749087 <Business>
                                   Price: 5.751091
                                                     Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2003749087 <Business>
                                   Price: 6.367248
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 2003749087 <Business>
                                   Price: 6.060000
                                                     Description: PastryRoll <extra Filling>
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2003749087 <Business>
                                   Price: 4.895538
 Customer: 2003749087 <Business>
                                   Price: 4.590000
                                                     Description: SausageRoll <extra Sauce>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 11
Product: EggRoll Total sell: 11
Product: PastryRoll Total sell: 10
Product: SpringRoll Total sell: 1
Product: SausageRoll Total sell: 5
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 82.255905
Customer: Catering Total bill: 87.012924
Customer: Business Total bill: 44.089451
Total payment: 213.358276
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 2
Customer: Business Outage: 1
Total outage: 3
Egg Roll: 1
Jelly Roll: 1
       Roll: 1
Pastrv Roll: 10
Spring Roll: 0
Sausage Roll: 2
--Food Store at <220 Summit Blvd> on <Day 04>-
***************************** Day Begin Inventory ************************
Egg
       Roll: 1
Jelly Roll: 1
Pastry Roll: 10
Spring Roll: 30
Sausage Roll: 2
***************************** Day Begin Inventory ******************
 Customer: 1324119927 < Casual>
                                 Price: 4.567500
                                                   Description: SausageRoll <extra Topping>
 Customer: 1324119927 < Casual>
                                 Price: 4.636013
                                                   Description: SausageRoll <extra Topping> <extra Topping>
                                                 Description: PastryRoll
                                Price: 6.000000
 Customer: 990368553 <Casual>
 Customer: 1096979270 < Casual>
                                 #Exec: selected roll is sold out!
 Customer: 1078694789 <Business>
                                   Price: 6.431076 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
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Customer: 1078694789 <Business>
                                  Price: 6.000000
                                                    Description: PastryRoll
 Customer: 1078694789 <Business>
                                  Price: 5.510037
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1078694789 <Business>
                                                    Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.296075
 Customer: 1831932724 <Catering>
                                  #Exec: selected roll is sold out!
 Customer: 1831932724 <Catering>
                                  #Exec: selected roll is sold out!
 Customer: 1831932724 <Catering>
                                  #Exec: selected roll is sold out!
 Customer: 1831932724 <Catering>
                                  Price: 5.582500
                                                    Description: JellyRoll <extra Topping>
 Customer: 1831932724 <Catering>
                                  Price: 6.399396
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1831932724 <Catering>
                                  Price: 6.431076
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1831932724 <Catering>
                                  Price: 6.462756
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                  Price: 6.120000
                                                    Description: PastryRoll <extra Sauce>
 Customer: 1831932724 <Catering>
 Customer: 1831932724 <Catering>
                                  Price: 6.495388
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1831932724 <Catering>
                                  Price: 5.166147
                                                    Description: SpringRoll <extra Sauce> <extra Topping>
 Customer: 1831932724 <Catering>
                                  Price: 4.990000
                                                    Description: SpringRoll
                                                    Description: SpringRoll <extra Filling>
 Customer: 1831932724 <Catering>
                                  Price: 5.039900
 Customer: 1831932724 <Catering>
                                  Price: 5.243639
                                                    Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 5.243512
 Customer: 1831932724 <Catering>
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1831932724 <Catering>
                                  Price: 5.202636
                                                    Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1747585824 < Casual >
                                 #Exec: selected roll is sold out!
 Customer: 1023892928 < Casual>
                                #Exec: selected roll is sold out!
 Customer: 558638686 < Casual >
                                #Exec: selected roll is sold out!
 Customer: 1149319664 < Casual >
                                #Exec: selected roll is sold out!
 Customer: 2093631819 < Casual>
                                #Exec: selected roll is sold out!
 Customer: 2074407503 < Casual>
                                Price: 6.243164
                                                  Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 2074407503 < Casual>
                                Price: 6.273918
                                                 Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 999966131 <Casual>
                                #Exec: selected roll is sold out!
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 1
Product: EggRoll Total sell: 1
Product: PastryRoll Total sell: 10
Product: SpringRoll Total sell: 7
Product: SausageRoll Total sell: 2
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 27.720594
Customer: Catering Total bill: 68.376945
Customer: Business Total bill: 23.237188
Total payment: 119.334732
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 7
Customer: Catering Outage: 3
Customer: Business Outage: 3
Total outage: 13
Egg Roll: 0
Jelly Roll: 0
Pastry Roll: 0
Spring Roll: 23
Sausage Roll: 0
--Food Store at <220 Summit Blvd> on <Day 05>-
**************************** Day Begin Inventory ***********************
       Roll: 30
Jelly Roll: 30
Pastry Roll: 30
Spring Roll: 23
Sausage Roll: 30
******************************* Day Begin Inventory *********************
 Customer: 1989780873 <Casual> Price: 5.176500 Description: EggRoll <extra Sauce> <extra Topping>
```

```
Customer: 1480010240 < Casual>
                                Price: 4.636013
                                                  Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 1480010240 < Casual>
                                Price: 4.968971
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1480010240 < Casual>
                                 Price: 4.847068
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 81628611 <Casual>
                               Price: 6.090000
                                                Description: PastryRoll <extra Topping>
 Customer: 81628611 <Casual>
                               Price: 6.625295
                                                Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                Description: PastryRoll <extra Topping>
 Customer: 81628611 <Casual>
                               Price: 6.090000
 Customer: 1828972342 <Business>
                                  Price: 5.176500
                                                    Description: EggRoll <extra Sauce> <extra Topping>
 Customer: 1828972342 <Business>
                                  Price: 5.359100
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1828972342 <Business>
                                  Price: 5.555000
                                                    Description: JellyRoll <extra Filling>
 Customer: 1828972342 <Business>
                                  Price: 5.610000
                                                    Description: JellyRoll <extra Sauce>
 Customer: 1828972342 <Business>
                                  Price: 6.242400
                                                    Description: PastryRoll <extra Sauce> <extra Sauce>
 Customer: 1828972342 <Business>
                                  Price: 6.242400
                                                    Description: PastryRoll <extra Sauce> <extra Sauce>
                                                    Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 1828972342 <Business>
                                  Price: 4.613175
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1828972342 <Business>
                                  Price: 4.823191
 Customer: 1828972342 <Business>
                                  Price: 5.166147
                                                    Description: SpringRoll <extra Sauce> <extra Topping>
 Customer: 1828972342 <Business>
                                  Price: 5.140698
                                                    Description: SpringRoll <extra Sauce> <extra Filling>
 Customer: 1452126962 < Casual>
                                 Price: 5.306689
                                                  Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                 Price: 5.306040
 Customer: 1452126962 <Casual>
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1452126962 <Casual>
                                Price: 5.332830
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 931919113 <Catering>
                                  Price: 5.359230
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                                   Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
                                 Price: 5.228265
 Customer: 931919113 <Catering>
 Customer: 931919113 <Catering>
                                 Price: 5.359230
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 931919113 <Catering>
                                  Price: 5.332830
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                 Price: 5.280030
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 931919113 <Catering>
 Customer: 931919113 <Catering>
                                 Price: 5.140698
                                                   Description: SpringRoll <extra Sauce> <extra Filling>
 Customer: 931919113 <Catering>
                                 Price: 5.166147
                                                   Description: SpringRoll <extra Sauce> <extra Topping>
 Customer: 931919113 <Catering>
                                 Price: 5.166147
                                                   Description: SpringRoll <extra Sauce> <extra Topping>
                                 Price: 5.295428
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 931919113 <Catering>
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 931919113 <Catering>
                                 Price: 5.428608
 Customer: 931919113 <Catering>
                                 Price: 4.847068
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 931919113 <Catering>
                                                   Description: SausageRoll <extra Sauce>
                                 Price: 4.590000
 Customer: 931919113 <Catering>
                                 Price: 4.919774
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 931919113 <Catering>
                                 Price: 4.567500
                                                   Description: SausageRoll <extra Topping>
 Customer: 931919113 <Catering>
                                 Price: 4.635900
                                                   Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 1607521710 < Casual>
                                 Price: 4.681800
                                                  Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 1607521710 <Casual>
                                Price: 4.545000
                                                  Description: SausageRoll <extra Filling>
 Customer: 764977973 < Casual>
                               Price: 5.125750 Description: EggRoll <extra Filling> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 2
Product: EggRoll Total sell: 12
Product: PastryRoll Total sell: 5
Product: SpringRoll Total sell: 7
Product: SausageRoll Total sell: 12
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 68.731956
Customer: Catering Total bill: 76.316856
Customer: Business Total bill: 53.928608
Total payment: 198.977417
Roll: 18
Jelly Roll: 28
Pastry Roll: 25
Spring Roll: 16
---Food Store at <220 Summit Blvd> on <Day 06>--
Egg Roll: 18
Jelly Roll: 28
Pastry Roll: 25
```

Pastry Roll: 25 Spring Roll: 16 Sausage Roll: 18

```
*********************************** Day Begin Inventory ************************
Customer: 381259350 <Catering>
                                  Price: 5.385631
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 381259350 <Catering>
                                  Price: 5.280030
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
                                  Price: 5.050000
                                                     Description: EggRoll <extra Filling>
Customer: 381259350 <Catering>
Customer: 381259350 <Catering>
                                  Price: 5.202636
                                                     Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 381259350 <Catering>
                                  Price: 5.359230
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 5.064850
Customer: 381259350 <Catering>
                                                     Description: SpringRoll <extra Topping>
Customer: 381259350 <Catering>
                                  Price: 5.348382
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 381259350 <Catering>
                                  Price: 5.064850
                                                     Description: SpringRoll <extra Topping>
Customer: 381259350 <Catering>
                                  Price: 5.348512
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 381259350 <Catering>
                                  Price: 5.192231
                                                     Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 381259350 <Catering>
                                  Price: 5.954105
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 381259350 <Catering>
                                  Price: 5.924193
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                  Price: 5.924193
Customer: 381259350 <Catering>
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                  Price: 5.779562
                                                     Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 381259350 <Catering>
Customer: 381259350 <Catering>
                                  Price: 5.555000
                                                     Description: JellyRoll <extra Filling>
Customer: 2129789493 <Casual>
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
                                 Price: 6.336036
Customer: 2129789493 < Casual>
                                 Price: 6.431076
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 6.060000
Customer: 2129789493 < Casual>
                                                    Description: PastryRoll <extra Filling>
Customer: 668386784 <Casual>
                                 Price: 5.924193
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1329552164 < Casual >
                                 Price: 5.385631
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1329552164 < Casual >
                                 Price: 5.000000
                                                    Description: EggRoll
Customer: 1329552164 < Casual >
                                 Price: 5.306689
                                                    Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 363771819 < Casual >
                                 Price: 5.151000
                                                   Description: EggRoll <extra Sauce> <extra Filling>
                                 Price: 5.455482
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 2065951873 < Casual>
Customer: 1791741888 <Catering>
                                   Price: 6.559698
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1791741888 <Catering>
                                   Price: 6.527384
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1791741888 <Catering>
                                   Price: 6.060000
                                                      Description: PastryRoll <extra Filling>
Customer: 1791741888 <Catering>
                                   Price: 6.527384
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1791741888 <Catering>
                                   Price: 6.090000
                                                      Description: PastryRoll <extra Topping>
Customer: 1791741888 <Catering>
                                   Price: 5.191596
                                                      Description: SpringRoll <extra Sauce> <extra Sauce>
Customer: 1791741888 <Catering>
                                   Price: 5.428608
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                   Price: 4.990000
Customer: 1791741888 <Catering>
                                                      Description: SpringRoll
Customer: 1791741888 <Catering>
                                   Price: 5.140698
                                                      Description: SpringRoll <extra Sauce> <extra Filling>
Customer: 1791741888 <Catering>
                                   Price: 5.191596
                                                      Description: SpringRoll <extra Sauce> <extra Sauce>
Customer: 1791741888 <Catering>
                                   Price: 5.000000
                                                      Description: EggRoll
                                   Price: 5.466415
Customer: 1791741888 <Catering>
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1791741888 <Catering>
                                   Price: 5.100000
                                                      Description: EggRoll <extra Sauce>
Customer: 1791741888 <Catering>
                                   Price: 5.359230
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1791741888 <Catering>
                                   Price: 5.075000
                                                      Description: EggRoll <extra Topping>
Customer: 1595428806 < Casual >
                                 Price: 5.191596
                                                    Description: SpringRoll <extra Sauce> <extra Sauce>
Customer: 1595428806 < Casual >
                                 Price: 5.428608
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1595428806 < Casual >
                                 Price: 5.192231
                                                    Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1072408673 < Casual>
                                 Price: 6.368027
                                                    Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1072408673 < Casual>
                                 Price: 6.120000
                                                    Description: PastryRoll <extra Sauce>
Customer: 1072408673 < Casual>
                                 Price: 6.090000
                                                    Description: PastryRoll <extra Topping>
Customer: 1531448569 < Casual>
                                 Price: 5.521079
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1531448569 < Casual >
                                 Price: 5.075000
                                                    Description: EggRoll <extra Topping>
                                 Price: 6.211800
Customer: 1867083167 < Casual >
                                                    Description: PastryRoll <extra Sauce> <extra Topping>
Customer: 1915910607 < Casual >
                                 #Exec: selected roll is sold out!
Customer: 1915910607 < Casual >
                                 Price: 5.401998 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1915910607 <Casual>
                                 Price: 5.191596
                                                   Description: SpringRoll <extra Sauce> <extra Sauce>
Customer: 284720968 <Catering>
                                  #Exec: selected roll is sold out!
Customer: 284720968 <Catering>
                                  #Exec: selected roll is sold out!
Customer: 284720968 <Catering>
                                  Price: 6.527384
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 284720968 <Catering>
                                  Price: 6.273918
                                                     Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 284720968 <Catering>
                                  Price: 6.430920
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                                     Description: PastryRoll <extra Filling>
Customer: 284720968 <Catering>
                                  Price: 6.060000
Customer: 284720968 <Catering>
                                  Price: 6.399396
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
```

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Customer: 284720968 <Catering>
                                 Price: 4.636013
                                                   Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 284720968 <Catering>
                                 Price: 4.968971
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 284720968 <Catering>
                                 Price: 4.871541
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 284720968 <Catering>
                                 Price: 4.635900
                                                   Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 284720968 <Catering>
                                 Price: 4.799547
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 284720968 <Catering>
                                 Price: 5.202636
                                                   Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
                                 Price: 5.254020
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 284720968 <Catering>
 Customer: 284720968 <Catering>
                                 Price: 6.013056
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 284720968 <Catering>
                                 Price: 5.722899
                                                   Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 284720968 <Catering>
                                 Price: 5.666100
                                                   Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 189568618 <Business>
                                 Price: 5.666237
                                                   Description: JellyRoll <extra Topping> <extra Topping>
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 189568618 <Business>
                                 Price: 5.983435
                                 Price: 6.304824
 Customer: 189568618 <Business>
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 189568618 <Business>
                                 Price: 6.399396
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 189568618 <Business>
                                 Price: 4.968971
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 189568618 <Business>
                                 Price: 4.613175
                                                   Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 793589513 < Casual>
                               Price: 5.954105
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 793589513 < Casual >
                               Price: 5.694150
                                                Description: JellyRoll <extra Sauce> <extra Topping>
                                #Exec: selected roll is sold out!
 Customer: 1313922862 < Casual >
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 13
Product: EggRoll Total sell: 18
Product: PastryRoll Total sell: 19
Product: SpringRoll Total sell: 16
Product: SausageRoll Total sell: 7
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 124.490311
Customer: Catering Total bill: 248.603317
Customer: Business Total bill: 33.936039
Total payment: 407.029663
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 2
Customer: Catering Outage: 2
Customer: Business Outage: 2
Total outage: 6
Roll: 0
Jelly Roll: 15
Pastry Roll: 6
Spring Roll: 0
Sausage Roll: 11
--Food Store at <220 Summit Blvd> on <Day 07>--
Egg Roll: 30
Jelly Roll: 15
Pastry Roll: 6
Spring Roll: 30
Sausage Roll: 11
*********************************** Day Begin Inventory ************************
 Customer: 495053715 <Business> Price: 5.466415
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 495053715 <Business>
                                Price: 5.125750
                                                   Description: EggRoll <extra Filling> <extra Topping>
 Customer: 495053715 <Business>
                                Price: 5.638325
                                                   Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 495053715 <Business>
                                 Price: 5.866113
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                 Price: 6.060000
 Customer: 495053715 <Business>
                                                   Description: PastryRoll <extra Filling>
 Customer: 495053715 <Business>
                                 Price: 6.368027
                                                   Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 495053715 <Business>
                                 Price: 4.728618
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 495053715 <Business>
                                 Price: 4.500000
                                                   Description: SausageRoll
                                 Price: 5.243639
 Customer: 495053715 <Business>
                                                   Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 5.243639
 Customer: 495053715 <Business>
                                                   Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1922154895 <Catering>
                                  #Exec: selected roll is sold out!
                                  Price: 6.090000
 Customer: 1922154895 <Catering>
                                                   Description: PastryRoll <extra Topping>
 Customer: 1922154895 <Catering>
                                  Price: 6.242400
                                                   Description: PastryRoll <extra Sauce> <extra Sauce>
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Customer: 1922154895 <Catering>
                                  Price: 6.304977
                                                   Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1922154895 <Catering>
                                  Price: 6.625295
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1922154895 <Catering>
                                  Price: 5.500000
                                                   Description: JellvRoll
 Customer: 1922154895 <Catering>
                                 Price: 5.582500
                                                   Description: JellyRoll <extra Topping>
 Customer: 1922154895 <Catering>
                                 Price: 5.779422
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1922154895 <Catering>
                                 Price: 5.666237
                                                   Description: JellyRoll <extra Topping> <extra Topping>
 Customer: 1922154895 <Catering>
                                  Price: 5.582500
                                                   Description: JellyRoll <extra Topping>
 Customer: 1922154895 <Catering>
                                 Price: 5.521079
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1922154895 <Catering>
                                 Price: 5.280030
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1922154895 <Catering>
                                 Price: 5.000000
                                                   Description: EggRoll
 Customer: 1922154895 <Catering>
                                 Price: 5.359230
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1922154895 <Catering>
                                 Price: 5.385631
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1922154895 <Catering>
                                  Price: 4.823191
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                                Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 883049899 <Casual>
                               Price: 4.613175
 Customer: 2093176254 < Casual >
                                Price: 5.140822
                                                 Description: SpringRoll <extra Topping> <extra Topping>
                                Price: 5.243512
 Customer: 2093176254 <Casual>
                                                 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 2093176254 < Casual >
                                Price: 5.296075
                                                 Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 7
Product: EggRoll Total sell: 7
Product: PastryRoll Total sell: 6
Product: SpringRoll Total sell: 5
Product: SausageRoll Total sell: 4
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 20.293585
Customer: Catering Total bill: 84.742493
Customer: Business Total bill: 54.240524
Total payment: 159.276611
----> Orders impacted by a roll outage by customer type <----
Customer: Catering Outage: 1
Total outage: 1
Egg Roll: 23
Jelly Roll: 8
Pastry Roll: 0
Spring Roll: 25
Sausage Roll: 7
-Food Store at <220 Summit Blvd> on <Day 08>-
Egg
       Roll: 23
Jelly Roll: 8
Pastry Roll: 30
Spring Roll: 25
Sausage Roll: 7
****************************** Day Begin Inventory **********************
 Customer: 1854731462 < Casual>
                               Price: 5.428608
                                                 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1854731462 < Casual >
                                Price: 5.089800
                                                 Description: SpringRoll <extra Sauce>
 Customer: 1854731462 < Casual >
                                Price: 5.192231
                                                 Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 317574433 <Casual>
                               Price: 4.545000
                                                Description: SausageRoll <extra Filling>
 Customer: 317574433 <Casual>
                               Price: 4.799547
                                                Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 317574433 <Casual>
                               Price: 4.682373
                                                Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 885284298 <Business>
                                 Price: 5.385631
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 885284298 <Business>
                                 Price: 5.359230
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 885284298 <Business>
                                 Price: 5.954105
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 885284298 <Business>
                                 Price: 5.779422
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 885284298 <Business>
                                 Price: 6.304824
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 885284298 <Business>
                                 Price: 6.304977
                                                  Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 885284298 <Business>
                                 Price: 4.775436
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 885284298 <Business>
                                 Price: 4.823191
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 885284298 <Business>
                                 Price: 5.243639
                                                  Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 885284298 <Business>
                                 Price: 5.140822
                                                  Description: SpringRoll <extra Topping> <extra Topping>
```

```
Customer: 1389133897 < Casual >
                                 Price: 4.545000 Description: SausageRoll <extra Filling>
Customer: 1534030866 <Business>
                                   Price: 5.125750
                                                     Description: EggRoll <extra Filling> <extra Topping>
Customer: 1534030866 <Business>
                                   Price: 5.125750
                                                     Description: EggRoll <extra Filling> <extra Topping>
Customer: 1534030866 <Business>
                                   Price: 5.924193
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1534030866 <Business>
                                   Price: 5.638325
                                                     Description: JellyRoll <extra Filling> <extra Topping>
Customer: 1534030866 <Business>
                                   Price: 6.090000
                                                     Description: PastryRoll <extra Topping>
Customer: 1534030866 <Business>
                                   Price: 6.625295
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1534030866 <Business>
                                   Price: 5.140822
                                                     Description: SpringRoll <extra Topping> <extra Topping>
Customer: 1534030866 <Business>
                                  Price: 5.064850
                                                     Description: SpringRoll <extra Topping>
Customer: 664223387 <Catering>
                                  #Exec: selected roll is sold out!
Customer: 664223387 < Catering >
                                  Price: 5.166147
                                                    Description: SpringRoll <extra Sauce> <extra Topping>
                                  Price: 5.140822
Customer: 664223387 <Catering>
                                                    Description: SpringRoll <extra Topping> <extra Topping>
                                  Price: 5.401998
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 664223387 < Catering>
Customer: 664223387 < Catering>
                                  Price: 5.140698
                                                    Description: SpringRoll <extra Sauce> <extra Filling>
Customer: 664223387 < Catering>
                                  Price: 5.348512
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 664223387 <Catering>
                                  Price: 5.254148
                                                    Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 664223387 <Catering>
                                  Price: 5.254148
                                                    Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 664223387 <Catering>
                                  Price: 5.385631
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                  Price: 5.202000
                                                    Description: EggRoll <extra Sauce> <extra Sauce>
Customer: 664223387 < Catering>
                                                    Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 664223387 < Catering>
                                  Price: 5.254148
Customer: 664223387 < Catering>
                                  Price: 4.500000
                                                    Description: SausageRoll
Customer: 664223387 < Catering>
                                  Price: 5.779562
                                                     Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 664223387 < Catering >
                                  Price: 5.895154
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                                    Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 664223387 < Catering>
                                  Price: 5.779562
Customer: 664223387 < Catering>
                                  Price: 5.954105
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 824909230 <Casual>
                                Price: 5.166147
                                                   Description: SpringRoll <extra Sauce> <extra Topping>
Customer: 122883338 < Casual>
                                Price: 5.000000
                                                   Description: EggRoll
Customer: 122883338 < Casual>
                                Price: 5.075000
                                                   Description: EggRoll <extra Topping>
                                Price: 5.466415
Customer: 122883338 <Casual>
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 666641942 <Casual>
                                Price: 6.559698
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 666641942 < Casual >
                                Price: 6.559698
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 960604060 <Business>
                                  Price: 5.125750
                                                    Description: EggRoll <extra Filling> <extra Topping>
Customer: 960604060 <Business>
                                  Price: 5.385631
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 960604060 <Business>
                                  Price: 6.399396
Customer: 960604060 <Business>
                                  Price: 6.273918
                                                    Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
                                  Price: 5.191596
Customer: 960604060 <Business>
                                                    Description: SpringRoll <extra Sauce> <extra Sauce>
Customer: 960604060 <Business>
                                  Price: 5.269470
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1349393271 <Casual>
                                 Price: 5.348512
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1349393271 <Casual>
                                 Price: 5.374859
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                 Price: 5.243639
                                                   Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1349393271 <Casual>
Customer: 1338668845 <Catering>
                                   Price: 5.064850
                                                     Description: SpringRoll <extra Topping>
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1338668845 <Catering>
                                   Price: 5.374859
Customer: 1338668845 <Catering>
                                   Price: 5.510037
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1338668845 <Catering>
                                   Price: 5.322165
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1338668845 <Catering>
                                   Price: 5.217808
                                                     Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 1338668845 <Catering>
                                   Price: 6.368027
                                                     Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1338668845 <Catering>
                                   Price: 6.430920
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1338668845 < Catering>
                                   Price: 6.304824
Customer: 1338668845 <Catering>
                                   Price: 6.090000
                                                     Description: PastryRoll <extra Topping>
Customer: 1338668845 <Catering>
                                   Price: 6.304824
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1338668845 <Catering>
                                   Price: 5.439487
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1338668845 <Catering>
                                   Price: 5.521079
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1338668845 <Catering>
                                   Price: 5.359100
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1338668845 <Catering>
                                   Price: 5.151000
                                                     Description: EggRoll <extra Sauce> <extra Filling>
Customer: 1338668845 <Catering>
                                  Price: 5.359100
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
```

----> Count inventory orders by roll type <----

Product: JellyRoll Total sell: 8
Product: EggRoll Total sell: 19
Product: PastryRoll Total sell: 13
Product: SpringRoll Total sell: 23
Product: SausageRoll Total sell: 7

```
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 84.076523
Customer: Catering Total bill: 165.274719
Customer: Business Total bill: 133.452026
Total payment: 382.803284
----> Orders impacted by a roll outage by customer type <----
Customer: Catering Outage: 1
Customer: Business Outage: 3
Total outage: 4
Jelly Roll: 0
Pastry Roll: 17
Spring Roll: 2
Sausage Roll: 0
--Food Store at <220 Summit Blvd> on <Day 09>-
Roll: 4
Jelly Roll: 30
Pastry Roll: 17
Spring Roll: 2
Sausage Roll: 30
************************************ Day Begin Inventory ***********************
 Customer: 159413332 <Casual>
                             Price: 5.428608 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1028214719 <Catering>
                                  #Exec: selected roll is sold out!
                                  #Exec: selected roll is sold out!
 Customer: 1028214719 <Catering>
 Customer: 1028214719 <Catering>
                                  Price: 5.306040 Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                  Price: 5.254148
 Customer: 1028214719 <Catering>
                                                   Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1028214719 <Catering>
                                  Price: 5.359230
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1028214719 <Catering>
                                  Price: 5.254148
                                                    Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1028214719 <Catering>
                                  Price: 5.348512
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1028214719 <Catering>
                                  Price: 6.304977
                                                    Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1028214719 <Catering>
                                  Price: 6.243164
                                                    Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1028214719 <Catering>
                                  Price: 6.181350
                                                    Description: PastryRoll <extra Topping> <extra Topping>
                                  Price: 6.090000
                                                   Description: PastryRoll <extra Topping>
 Customer: 1028214719 <Catering>
 Customer: 1028214719 <Catering>
                                  Price: 6.495388
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1028214719 <Catering>
                                  Price: 4.682373
                                                    Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
                                                    Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1028214719 <Catering>
                                  Price: 4.682373
                                  Price: 4.799547
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1028214719 <Catering>
                                                    Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 1028214719 <Catering>
                                  Price: 4.681800
 Customer: 1028214719 <Catering>
                                  Price: 4.752028
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 500977346 <Catering>
                                 #Exec: selected roll is sold out!
 Customer: 500977346 <Catering>
                                 #Exec: selected roll is sold out!
 Customer: 500977346 <Catering>
                                 Price: 4.919774
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 500977346 <Catering>
                                 Price: 4.500000
                                                   Description: SausageRoll
 Customer: 500977346 <Catering>
                                 Price: 4.895538
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 500977346 <Catering>
                                 Price: 4.613175
                                                   Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 500977346 <Catering>
                                 Price: 4.775436
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 500977346 <Catering>
                                 Price: 6.368027
                                                   Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 500977346 <Catering>
                                 Price: 6.399396
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 500977346 <Catering>
                                 Price: 6.559698
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 500977346 <Catering>
                                 Price: 6.181350
                                                   Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 500977346 <Catering>
                                 Price: 6.181200
                                                   Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 500977346 <Catering>
                                 Price: 6.527384
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 500977346 <Catering>
                                 Price: 6.430920
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 500977346 <Catering>
                                 Price: 6.559698
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 500977346 <Catering>
                                 Price: 6.495388
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                 Price: 6.559698
 Customer: 500977346 <Catering>
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 20132171 <Catering>
                                #Exec: selected roll is sold out!
 Customer: 20132171 <Catering>
                                #Exec: selected roll is sold out!
                                #Exec: selected roll is sold out!
 Customer: 20132171 <Catering>
 Customer: 20132171 <Catering>
                                Price: 6.368027
                                                 Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 20132171 <Catering>
                                Price: 6.430920
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 20132171 <Catering>
                                Price: 5.722200
                                                  Description: JellyRoll <extra Sauce> <extra Sauce>
 Customer: 20132171 <Catering>
                                Price: 5.610000
                                                 Description: JellyRoll <extra Sauce>
```

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Customer: 20132171 <Catering>
                                Price: 5.983435
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 20132171 <Catering>
                                Price: 5.837358
                                                  Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 20132171 <Catering>
                                Price: 5.954105
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                Price: 4.968971
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 20132171 <Catering>
 Customer: 20132171 <Catering>
                                Price: 4.567500
                                                  Description: SausageRoll <extra Topping>
 Customer: 20132171 <Catering>
                                Price: 4.590000
                                                  Description: SausageRoll <extra Sauce>
                                Price: 4.752028
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 20132171 <Catering>
 Customer: 20132171 <Catering>
                                Price: 4.682373
                                                  Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 186370029 <Business>
                                 Price: 5.924193
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 186370029 <Business>
                                 Price: 5.722200
                                                   Description: JellyRoll <extra Sauce> <extra Sauce>
 Customer: 186370029 <Business>
                                 Price: 4.613175
                                                   Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 186370029 <Business>
                                 Price: 4.919774
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2094548358 < Casual >
                                 Price: 5.983435
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2094548358 < Casual>
                                Price: 5.808033
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 9
Product: EggRoll Total sell: 4
Product: PastryRoll Total sell: 17
Product: SpringRoll Total sell: 2
Product: SausageRoll Total sell: 17
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 17.220076
Customer: Catering Total bill: 234.868668 Customer: Business Total bill: 21.179340
Total payment: 273.268097
----> Orders impacted by a roll outage by customer type <----
Customer: Catering Outage: 7
Customer: Business Outage: 3
Total outage: 10
Egg Roll: 0
Jelly Roll: 21
Pastry Roll: 0
Spring Roll: 0
Sausage Roll: 13
--Food Store at <220 Summit Blvd> on <Day 10>--
***************************** Day Begin Inventory ***********************
Egg Roll: 30
Jelly Roll: 21
Pastry Roll: 30
Spring Roll: 30
Sausage Roll: 13
******************************* Day Begin Inventory *********************
 Customer: 51228289 <Casual>
                              Price: 5.779562
                                                Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 51228289 <Casual>
                              Price: 5.866113
                                                Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 51228289 <Casual> Price: 5.983435 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 455896770 <Business>
                                  Price: 5.075000
                                                   Description: EggRoll <extra Topping>
 Customer: 455896770 <Business>
                                 Price: 5.151125
                                                   Description: EggRoll <extra Topping> <extra Topping>
 Customer: 455896770 <Business>
                                 Price: 6.073187
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 455896770 <Business>
                                 Price: 5.722899
                                                   Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 455896770 <Business>
                                 Price: 6.304824
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 455896770 <Business>
                                 Price: 6.243164
                                                   Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 455896770 <Business>
                                 Price: 4.705439
                                                   Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
                                                   Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 455896770 <Business>
                                 Price: 4.776020
 Customer: 455896770 <Business>
                                 Price: 5.115499
                                                   Description: SpringRoll <extra Filling> <extra Topping>
 Customer: 455896770 <Business>
                                 Price: 5.243639
                                                   Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1323165413 < Casual>
                                 Price: 5.000000
                                                  Description: EggRoll
 Customer: 1323165413 < Casual>
                                Price: 5.280030
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1323165413 < Casual>
                                 Price: 5.202636
                                                  Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1880587981 < Casual>
                                 Price: 5.722200
                                                  Description: JellyRoll <extra Sauce> <extra Sauce>
```

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Customer: 511754216 <Casual>
                                Price: 5.359100
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 511754216 <Casual>
                                Price: 5.254148
                                                   Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1721931908 < Casual>
                                 Price: 5.666100
                                                   Description: JellyRoll <extra Sauce> <extra Filling>
Customer: 1198108795 < Casual>
                                 Price: 5.140698
                                                    Description: SpringRoll <extra Sauce> <extra Filling>
                                 Price: 5.089800
                                                   Description: SpringRoll <extra Sauce>
Customer: 1198108795 < Casual>
Customer: 1198108795 < Casual>
                                 Price: 5.296075
                                                   Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 214126413 <Business>
                                  Price: 5.306040
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 214126413 <Business>
                                  Price: 5.280030
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 214126413 <Business>
                                  Price: 5.779562
                                                     Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 214126413 <Business>
                                  Price: 5.983435
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                  Price: 6.304824
Customer: 214126413 <Business>
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 214126413 <Business>
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 6.495388
Customer: 214126413 <Business>
                                  Price: 4.823191
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 214126413 <Business>
                                  Price: 4.968971
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                     Description: SpringRoll <extra Topping> <extra Topping>
Customer: 214126413 <Business>
                                  Price: 5.140822
                                  Price: 5.192231
                                                     Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 214126413 <Business>
Customer: 396873410 <Catering>
                                  Price: 5.332830
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 396873410 <Catering>
                                                     Description: EggRoll <extra Topping> <extra Topping>
                                  Price: 5.151125
Customer: 396873410 <Catering>
                                                     Description: EggRoll
                                  Price: 5.000000
Customer: 396873410 <Catering>
                                  Price: 5.050000
                                                     Description: EggRoll <extra Filling>
Customer: 396873410 <Catering>
                                  Price: 5.000000
                                                     Description: EggRoll
Customer: 396873410 <Catering>
                                  Price: 5.954105
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.610000
                                                     Description: JellyRoll <extra Sauce>
Customer: 396873410 <Catering>
                                  Price: 5.751091
                                                     Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 396873410 <Catering>
Customer: 396873410 <Catering>
                                  Price: 5.836644
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 396873410 <Catering>
                                  Price: 5.779562
                                                     Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 4.635900
                                                     Description: SausageRoll <extra Sauce> <extra Filling>
Customer: 396873410 <Catering>
Customer: 396873410 <Catering>
                                  Price: 4.895538
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 396873410 <Catering>
                                  Price: 4.613175
                                                     Description: SausageRoll <extra Filling> <extra Topping>
Customer: 396873410 <Catering>
                                  Price: 4.500000
                                                     Description: SausageRoll
Customer: 396873410 <Catering>
                                  Price: 4.728618
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1706234378 < Casual>
                                 Price: 4.823191
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1867750575 < Casual>
                                 Price: 5.895010
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 2046562095 < Casual>
                                 Price: 5.694150
                                                    Description: JellyRoll <extra Sauce> <extra Topping>
                                 Price: 5.895154
Customer: 2046562095 < Casual>
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 5.374859
Customer: 1342443276 <Casual>
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1342443276 <Casual>
                                 Price: 5.243639
                                                   Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1342443276 <Casual>
                                 Price: 5.243639
                                                   Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 769287236 <Catering>
                                  #Exec: selected roll is sold out!
Customer: 769287236 <Catering>
                                  #Exec: selected roll is sold out!
                                  Price: 4.613175
                                                    Description: SausageRoll <extra Filling> <extra Topping>
Customer: 769287236 <Catering>
Customer: 769287236 <Catering>
                                  Price: 4.545000
                                                     Description: SausageRoll <extra Filling>
Customer: 769287236 <Catering>
                                  Price: 4.752028
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 769287236 <Catering>
                                  Price: 5.666100
                                                     Description: JellyRoll <extra Sauce> <extra Filling>
Customer: 769287236 <Catering>
                                  Price: 6.073187
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                     Description: JellyRoll <extra Sauce> <extra Filling>
Customer: 769287236 <Catering>
                                  Price: 5.666100
                                                     Description: JellyRoll <extra Filling>
Customer: 769287236 <Catering>
                                  Price: 5.555000
                                                     Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 769287236 <Catering>
                                  Price: 5.254148
Customer: 769287236 <Catering>
                                  Price: 5.151000
                                                     Description: EggRoll <extra Sauce> <extra Filling>
Customer: 769287236 <Catering>
                                  Price: 5.439487
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 769287236 <Catering>
                                  Price: 5.359230
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 769287236 <Catering>
                                  Price: 5.151000
                                                     Description: EggRoll <extra Sauce> <extra Filling>
                                  Price: 5.089800
Customer: 769287236 <Catering>
                                                     Description: SpringRoll <extra Sauce>
Customer: 769287236 <Catering>
                                  Price: 5.140698
                                                     Description: SpringRoll <extra Sauce> <extra Filling>
Customer: 769287236 <Catering>
                                  Price: 5.140822
                                                     Description: SpringRoll <extra Topping> <extra Topping>
Customer: 1587487668 < Casual >
                                 Price: 6.000000
                                                   Description: PastryRoll
Customer: 1587487668 < Casual >
                                 Price: 6.120000
                                                   Description: PastryRoll <extra Sauce>
Customer: 1587487668 < Casual>
                                 Price: 6.336036
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1199823423 <Casual>
                                 #Exec: selected roll is sold out!
```

```
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 21
Product: EggRoll Total sell: 19
Product: PastryRoll Total sell: 7
Product: SpringRoll Total sell: 13
Product: SausageRoll Total sell: 13
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 127.265579
Customer: Catering Total bill: 156.435379
Customer: Business Total bill: 109.685287
Total payment: 393.386230
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 1
Customer: Catering Outage: 2
Total outage: 3
Roll: 11
Jelly Roll: 0
Pastry Roll: 23
Spring Roll: 17
Sausage Roll: 0
--Food Store at <220 Summit Blvd> on <Day 11>-
****************************** Day Begin Inventory ****************************
    Roll: 11
Jelly Roll: 30
Pastry Roll: 23
Spring Roll: 17
Sausage Roll: 30
Customer: 932172204 <Catering>
                                Price: 6.367248
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 932172204 <Catering>
                                 Price: 6.000000
                                                  Description: PastryRoll
 Customer: 932172204 <Catering>
                                Price: 6.150900
                                                  Description: PastryRoll <extra Filling> <extra Topping>
 Customer: 932172204 <Catering>
                                Price: 6.150900
                                                  Description: PastryRoll <extra Filling> <extra Topping>
 Customer: 932172204 <Catering>
                                 Price: 6.304977
                                                  Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
                                Price: 5.050000
                                                  Description: EggRoll <extra Filling>
 Customer: 932172204 <Catering>
                                 Price: 5.412822
 Customer: 932172204 <Catering>
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 932172204 <Catering>
                                 Price: 5.332830
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                 Price: 5.306040
 Customer: 932172204 <Catering>
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                 Price: 5.000000
 Customer: 932172204 <Catering>
                                                  Description: EggRoll
 Customer: 932172204 <Catering>
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                 Price: 5.348382
 Customer: 932172204 <Catering>
                                 Price: 4.990000
                                                  Description: SpringRoll
 Customer: 932172204 <Catering>
                                 Price: 5.140822
                                                  Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 932172204 <Catering>
                                 Price: 5.455482
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 5.243512
 Customer: 932172204 <Catering>
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1225358173 < Casual>
                                Price: 5.500000
                                                 Description: JellyRoll
 Customer: 1225358173 < Casual>
                                Price: 5.808033
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1225358173 < Casual>
                                Price: 5.722899
                                                 Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
                                                 Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1848402763 < Casual>
                                Price: 5.228265
 Customer: 933699219 <Casual>
                               Price: 6.367248
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 933699219 <Casual>
                               Price: 6.120000
                                                Description: PastryRoll <extra Sauce>
                                  Price: 5.348382
 Customer: 2121055098 <Catering>
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 2121055098 < Catering>
                                  Price: 5.217808
                                                   Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2121055098 < Catering>
                                  Price: 5.348382
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 2121055098 < Catering>
                                  Price: 5.455482
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                                   Description: SpringRoll <extra Filling> <extra Topping>
 Customer: 2121055098 <Catering>
                                  Price: 5.115499
 Customer: 2121055098 < Catering>
                                 Price: 5.332830
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2121055098 < Catering>
                                 Price: 5.521079
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2121055098 <Catering>
                                  Price: 5.439487
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                  Price: 5.228265
 Customer: 2121055098 <Catering>
                                                   Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
                                  Price: 5.439487
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2121055098 < Catering>
 Customer: 2121055098 < Catering>
                                  Price: 6.367248
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                  Price: 6.243164
                                                   Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 2121055098 <Catering>
                                                   Description: PastryRoll <extra Filling>
 Customer: 2121055098 < Catering>
                                  Price: 6.060000
```

```
Customer: 2121055098 <Catering>
                                    Price: 6.431076
                                                       Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2121055098 < Catering>
                                    Price: 6.181350
                                                       Description: PastryRoll <extra Topping> <extra Topping>
                                                     Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 2084435065 < Casual >
                                   Price: 5.140822
 Customer: 2084435065 < Casual>
                                  Price: 5.166147
                                                     Description: SpringRoll <extra Sauce> <extra Topping>
 Customer: 2084435065 < Casual >
                                  Price: 4.990000
                                                     Description: SpringRoll
                                    Price: 4.776020
                                                       Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1896277646 <Catering>
 Customer: 1896277646 <Catering>
                                    Price: 4.500000
                                                       Description: SausageRoll
 Customer: 1896277646 <Catering>
                                    Price: 4.871541
                                                       Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1896277646 <Catering>
                                    Price: 4.567500
                                                       Description: SausageRoll <extra Topping>
 Customer: 1896277646 <Catering>
                                    Price: 4.658850
                                                       Description: SausageRoll <extra Sauce> <extra Topping>
 Customer: 1896277646 <Catering>
                                    Price: 6.181350
                                                       Description: PastryRoll <extra Topping> <extra Topping>
                                                       Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1896277646 <Catering>
                                    Price: 6.243164
                                    Price: 6.431076
                                                       Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1896277646 <Catering>
 Customer: 1896277646 <Catering>
                                    Price: 6.368027
                                                       Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1896277646 <Catering>
                                    Price: 6.304824
                                                       Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1896277646 <Catering>
                                    Price: 6.073187
                                                       Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1896277646 <Catering>
                                    Price: 5.751091
                                                       Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
                                                       Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1896277646 <Catering>
                                    Price: 6.013056
                                                       Description: JellyRoll <extra Sauce> <extra Sauce>
 Customer: 1896277646 <Catering>
                                    Price: 5.722200
 Customer: 1896277646 <Catering>
                                    Price: 5.582500
                                                       Description: JellyRoll <extra Topping>
 Customer: 2128227771 <Business>
                                    Price: 5.555000
                                                       Description: JellyRoll <extra Filling>
 Customer: 2128227771 <Business>
                                    Price: 5.722200
                                                       Description: JellyRoll <extra Sauce> <extra Sauce>
 Customer: 2128227771 <Business>
                                    Price: 6.304977
                                                       Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2128227771 <Business>
                                    Price: 6.304977
                                                       Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2128227771 <Business>
                                    Price: 4.823308
                                                       Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2128227771 <Business>
                                    Price: 4.823308
                                                       Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2128227771 <Business>
                                    Price: 5.295428
                                                       Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 2128227771 <Business>
                                    Price: 5.374859
                                                       Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1702297201 < Casual>
                                   #Exec: selected roll is sold out!
 Customer: 1996181658 < Casual >
                                   Price: 6.430920
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1996181658 < Casual>
                                  Price: 6.181350
                                                     Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 1996181658 < Casual >
                                  Price: 6.181350
                                                     Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 806353501 < Casual>
                                  Price: 5.348512
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 521645586 <Casual>
                                  Price: 5.808033
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
                                  Price: 5.837358
 Customer: 521645586 <Casual>
                                                    Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 521645586 <Casual>
                                  Price: 5.751091
                                                    Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1296064247 < Casual >
                                   #Exec: selected roll is sold out!
 Customer: 1296064247 < Casual >
                                  Price: 6.367248    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1637070917 <Business>
                                    Price: 5.895010
                                                       Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1637070917 <Business>
                                    Price: 5.638325
                                                       Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 1637070917 <Business>
                                    Price: 4.871541
                                                       Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1637070917 <Business>
                                    Price: 4.728618
                                                       Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 780237624 <Casual>
                                  #Exec: selected roll is sold out!
 Customer: 205797316 <Casual>
                                  #Exec: selected roll is sold out!
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 15
Product: EggRoll Total sell: 11
Product: PastryRoll Total sell: 23
Product: SpringRoll Total sell: 16
Product: SausageRoll Total sell: 9
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 97.949272
Customer: Catering Total bill: 252.027847
Customer: Business Total bill: 65.337547
Total payment: 415.314667
----> Orders impacted by a roll outage by customer type <----
```

Customer: Casual Outage: 4

```
Total outage: 8
Roll: 0
Jelly Roll: 15
Pastry Roll: 0
Spring Roll: 1
Sausage Roll: 21
--Food Store at <220 Summit Blvd> on <Day 12>-
Egg Roll: 30
Jelly Roll: 15
Pastry Roll: 30
Spring Roll: 1
Sausage Roll: 21
***************************** Day Begin Inventory **********************
 Customer: 1128032093 < Casual>
                               Price: 5.694150 Description: JellyRoll <extra Sauce> <extra Topping>
 Customer: 1066516207 <Business>
                                  Price: 5.075000
                                                    Description: EggRoll <extra Topping>
                                                    Description: EggRoll <extra Filling> <extra Topping>
 Customer: 1066516207 <Business>
                                  Price: 5.125750
 Customer: 1066516207 <Business>
                                                    Description: JellyRoll <extra Sauce>
                                  Price: 5.610000
 Customer: 1066516207 <Business>
                                  Price: 5.808033
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1066516207 <Business>
                                  Price: 6.150900
                                                    Description: PastryRoll <extra Filling> <extra Topping>
 Customer: 1066516207 <Business>
                                  Price: 6.527384
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1066516207 <Business>
                                  Price: 4.728733
                                                    Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1066516207 <Business>
                                  Price: 4.847068
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 443308702 < Casual >
                               Price: 4.545000
                                                 Description: SausageRoll <extra Filling>
 Customer: 443308702 < Casual >
                               Price: 4.613175
                                                 Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 935044096 <Business>
                                 Price: 5.439487
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 935044096 <Business>
                                 Price: 5.466415
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 5.555000
 Customer: 935044096 <Business>
                                                   Description: JellyRoll <extra Filling>
                                                   Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 935044096 <Business>
                                 Price: 5.638325
 Customer: 935044096 <Business>
                                 Price: 6.559698
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 935044096 <Business>
                                 Price: 6.368027
                                                   Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 935044096 <Business>
                                 Price: 4.590000
                                                   Description: SausageRoll <extra Sauce>
                                 Price: 4,682373
 Customer: 935044096 <Business>
                                                   Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 396180261 <Casual>
                               Price: 5.151125
                                                 Description: EggRoll <extra Topping> <extra Topping>
 Customer: 396180261 < Casual>
                               Price: 5.254020
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
                               Price: 5.075000
 Customer: 396180261 < Casual>
                                                 Description: EggRoll <extra Topping>
 Customer: 625576447 <Casual>
                               Price: 6.013056
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1560911714 < Casual >
                                Price: 5.722200
                                                  Description: JellyRoll <extra Sauce> <extra Sauce>
 Customer: 1560911714 < Casual >
                                Price: 5.638325
                                                 Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 939047783 < Casual>
                               #Exec: selected roll is sold out!
 Customer: 939047783 <Casual>
                               Price: 5.115499 Description: SpringRoll <extra Filling> <extra Topping>
 Customer: 1237514926 <Catering>
                                  #Exec: selected roll is sold out!
 Customer: 1237514926 <Catering>
                                  Price: 4.776020
                                                   Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1237514926 <Catering>
                                  Price: 4.823308
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1237514926 <Catering>
                                  Price: 4.823191
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1237514926 <Catering>
                                  Price: 4.919774
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1237514926 <Catering>
                                                    Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 4.728733
 Customer: 1237514926 <Catering>
                                  Price: 5.610000
                                                    Description: JellyRoll <extra Sauce>
 Customer: 1237514926 <Catering>
                                  Price: 5.779422
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
                                  Price: 5.582500
                                                    Description: JellyRoll <extra Topping>
 Customer: 1237514926 <Catering>
 Customer: 1237514926 <Catering>
                                  Price: 6.073187
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1237514926 <Catering>
                                  Price: 5.836644
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1237514926 <Catering>
                                  Price: 5.306689
                                                    Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.332830
 Customer: 1237514926 <Catering>
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1237514926 <Catering>
                                  Price: 5.050000
                                                   Description: EggRoll <extra Filling>
 Customer: 1237514926 <Catering>
                                  Price: 5.439487
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1237514926 <Catering>
                                  Price: 5.521079
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 548246552 <Casual>
                               Price: 5.895010 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
```

Customer: Business Outage: 4

```
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 14
Product: EggRoll Total sell: 12
Product: PastryRoll Total sell: 4
Product: SpringRoll Total sell: 1
Product: SausageRoll Total sell: 11
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 58.716560
Customer: Catering Total bill: 79.602859
Customer: Business Total bill: 88.172195
Total payment: 226.491623
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 1
Customer: Catering Outage: 1
Customer: Business Outage: 2
Total outage: 4
Roll: 18
Jelly Roll: 1
Pastry Roll: 26
Spring Roll: 0
Sausage Roll: 10
--Food Store at <220 Summit Blvd> on <Day 13>-
Roll: 18
Jelly Roll: 1
Pastry Roll: 26
Spring Roll: 30
Sausage Roll: 10
******************************** Day Begin Inventory **************************
 Customer: 835648992 < Casual>
                               Price: 4.847068
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 835648992 < Casual >
                               Price: 4.919774
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 835648992 < Casual >
                               Price: 4.968971
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1134517053 < Casual>
                                Price: 6.060000
                                                  Description: PastryRoll <extra Filling>
 Customer: 1134517053 <Casual>
                                Price: 6.368027
                                                  Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1134517053 < Casual>
                                Price: 6.495388
                                 Price: 5.374859
 Customer: 492228202 <Catering>
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 492228202 <Catering>
                                 Price: 5.348382
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 492228202 <Catering>
                                 Price: 5.039900
                                                   Description: SpringRoll <extra Filling>
 Customer: 492228202 <Catering>
                                 Price: 5.140698
                                                   Description: SpringRoll <extra Sauce> <extra Filling>
                                 Price: 5.348382
 Customer: 492228202 <Catering>
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 492228202 <Catering>
                                 Price: 5.280030
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
                                                   Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 492228202 <Catering>
                                 Price: 5.254148
 Customer: 492228202 <Catering>
                                 Price: 5.280030
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 492228202 <Catering>
                                 Price: 5.202000
                                                   Description: EggRoll <extra Sauce> <extra Sauce>
 Customer: 492228202 <Catering>
                                 Price: 5.125750
                                                   Description: EggRoll <extra Filling> <extra Topping>
 Customer: 492228202 <Catering>
                                 Price: 6.150900
                                                   Description: PastryRoll <extra Filling> <extra Topping>
 Customer: 492228202 <Catering>
                                 Price: 6.399396
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                                   Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 492228202 <Catering>
                                 Price: 6.273918
 Customer: 492228202 <Catering>
                                 Price: 6.273918
                                                   Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 492228202 <Catering>
                                 Price: 6.625295
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1368884364 <Business>
                                  Price: 5.521079
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1368884364 <Business>
                                  Price: 5.100000
                                                    Description: EggRoll <extra Sauce>
 Customer: 1368884364 <Business>
                                  Price: 6.462756
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1368884364 <Business>
                                  Price: 6.304977
                                                    Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1368884364 <Business>
                                  Price: 4.919774
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1368884364 <Business>
                                  Price: 4.752028
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1368884364 <Business>
                                  Price: 5.296075
                                                    Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.296075
 Customer: 1368884364 <Business>
                                                    Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 401625763 <Business>
                                 Price: 5.202000
                                                   Description: EggRoll <extra Sauce> <extra Sauce>
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 401625763 <Business>
                                 Price: 5.385631
 Customer: 401625763 <Business>
                                 Price: 6.462756
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
```

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Customer: 401625763 <Business>
                                  Price: 6.431076
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 401625763 <Business>
                                 Price: 4.682373
                                                   Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 401625763 <Business>
                                  Price: 4.871541
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 401625763 <Business>
                                 Price: 5.295428
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 401625763 <Business>
                                 Price: 5.243639
                                                   Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
----> Count inventory orders by roll type <----
Product: EggRoll Total sell: 9
Product: PastryRoll Total sell: 12
Product: SpringRoll Total sell: 9
Product: SausageRoll Total sell: 7
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 33.659225
Customer: Catering Total bill: 84.117607
Customer: Business Total bill: 87.227211
Total payment: 205,004044
----> Orders impacted by a roll outage by customer type <----
Customer: Business Outage: 2
Total outage: 2
Roll: 9
Jelly Roll: 1
Pastry Roll: 14
Spring Roll: 21
Sausage Roll: 3
--Food Store at <220 Summit Blvd> on <Dav 14>--
***************************** Day Begin Inventory ************************
       Roll: 9
Jelly Roll: 1
Pastry Roll: 14
Spring Roll: 21
Sausage Roll: 3
****************************** Day Begin Inventory *********************
 Customer: 772777427 <Casual>
                               Price: 6.211800 Description: PastryRoll <extra Sauce> <extra Topping>
 Customer: 772777427 <Casual>
                                                 Description: PastryRoll <extra Sauce> <extra Filling>
                                Price: 6.181200
 Customer: 772777427 <Casual>
                               Price: 6,625295
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 83954662 <Catering>
                                Price: 5.296075
                                                  Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 83954662 <Catering>
                                Price: 5.401998
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 83954662 <Catering>
                                Price: 5.039900
                                                  Description: SpringRoll <extra Filling>
 Customer: 83954662 <Catering>
                                Price: 4.990000
                                                  Description: SpringRoll
 Customer: 83954662 <Catering>
                                Price: 5.192231
                                                  Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 83954662 <Catering>
                                Price: 6.462756
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                Price: 6.304977
                                                  Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 83954662 <Catering>
 Customer: 83954662 <Catering>
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
                                Price: 6.304824
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 83954662 <Catering>
                                Price: 6.462756
 Customer: 83954662 <Catering>
                                Price: 6.462756
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 83954662 <Catering>
                                Price: 5.412822
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 83954662 <Catering>
                                Price: 5.521079
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 83954662 <Catering>
                                Price: 5.306689
                                                  Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 83954662 <Catering>
                                Price: 5.306689
                                                  Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 83954662 <Catering>
                                Price: 5.151125
                                                  Description: EggRoll <extra Topping> <extra Topping>
 Customer: 1751075886 < Casual>
                                Price: 5.359230
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1751075886 < Casual >
                                Price: 5.050000
                                                  Description: EggRoll <extra Filling>
 Customer: 1751075886 < Casual>
                                Price: 5.280030
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
                                Price: 5.610000
 Customer: 2108649164 < Casual >
                                                  Description: JellyRoll <extra Sauce>
 Customer: 777874839 <Business>
                                 Price: 6.625295
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 777874839 <Business>
                                 Price: 6.430920
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 777874839 <Business>
                                  Price: 4.799547
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 777874839 <Business>
                                 Price: 4.681800
                                                   Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 777874839 <Business>
                                  Price: 5.296075
                                                   Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 777874839 <Business>
                                 Price: 5.140698
                                                   Description: SpringRoll <extra Sauce> <extra Filling>
 Customer: 596512129 <Catering>
                                 #Exec: selected roll is sold out!
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Customer: 596512129 <Catering>
                                 #Exec: selected roll is sold out!
 Customer: 596512129 <Catering>
                                 #Exec: selected roll is sold out!
 Customer: 596512129 <Catering>
                                 #Exec: selected roll is sold out!
 Customer: 596512129 <Catering>
                                 Price: 6.559698 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 596512129 <Catering>
                                 Price: 6.181350
                                                  Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 596512129 <Catering>
                                 Price: 6.090000
                                                   Description: PastryRoll <extra Topping>
 Customer: 596512129 <Catering>
                                                   Description: PastryRoll <extra Sauce> <extra Topping>
                                 Price: 6.211800
 Customer: 596512129 <Catering>
                                 Price: 4.847068
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 596512129 <Catering>
                                 Price: 5.359100
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 596512129 <Catering>
                                 Price: 5.039900
                                                   Description: SpringRoll <extra Filling>
 Customer: 596512129 <Catering>
                                 Price: 5.322165
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 596512129 <Catering>
                                 Price: 5.296075
                                                   Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 596512129 <Catering>
                                 Price: 5.269470
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
                                 Price: 5.348382
 Customer: 596512129 <Catering>
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                 Price: 5.191596
 Customer: 596512129 <Catering>
                                                   Description: SpringRoll <extra Sauce> <extra Sauce>
 Customer: 596512129 <Catering>
                                                   Description: SpringRoll <extra Filling>
                                 Price: 5.039900
 Customer: 596512129 <Catering>
                                 Price: 5.269470
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 596512129 <Catering>
                                 Price: 5.374859
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 824318946 < Casual >
                               #Exec: selected roll is sold out!
 Customer: 930990596 <Casual>
                               Price: 5.115499 Description: SpringRoll <extra Filling> <extra Topping>
 Customer: 1921595561 < Casual >
                                #Exec: selected roll is sold out!
 Customer: 565760380 < Casual>
                               Price: 5.296075
                                                 Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 565760380 < Casual >
                               Price: 4.990000
                                                Description: SpringRoll
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 1
Product: EggRoll Total sell: 9
Product: PastryRoll Total sell: 14
Product: SpringRoll Total sell: 19
Product: SausageRoll Total sell: 3
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 55.719124
Customer: Catering Total bill: 167.017517
Customer: Business Total bill: 32.974339
Total payment: 255,710968
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 2
Customer: Catering Outage: 4
Customer: Business Outage: 2
Total outage: 8
Egg
       Roll: 0
Jelly Roll: 0
Pastry Roll: 0
Spring Roll: 2
Sausage Roll: 0
-Food Store at <220 Summit Blvd> on <Day 15>-
Roll: 30
Jelly Roll: 30
Pastry Roll: 30
Spring Roll: 2
Sausage Roll: 30
****************************** Day Begin Inventory **********************
                                               Description: PastryRoll <extra Sauce>
 Customer: 6566818 <Casual>
                            Price: 6.120000
 Customer: 6566818 < Casual>
                             Price: 6.000000
                                               Description: PastryRoll
 Customer: 6566818 <Casual>
                          Price: 6.304977
                                              Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 5.280030
 Customer: 1494279232 <Business>
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
                                  Price: 5.359230
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1494279232 <Business>
 Customer: 1494279232 <Business>
                                  Price: 5.555000
                                                   Description: JellyRoll <extra Filling>
 Customer: 1494279232 <Business>
                                  Price: 5.895154
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                                   Description: PastryRoll <extra Sauce> <extra Sauce>
 Customer: 1494279232 <Business>
                                  Price: 6.242400
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Customer: 1494279232 <Business>
                                  Price: 6.559698
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1494279232 <Business>
                                  Price: 4.545000
                                                     Description: SausageRoll <extra Filling>
Customer: 1494279232 <Business>
                                  Price: 4.871541
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1494279232 <Business>
                                                     Description: SpringRoll <extra Topping> <extra Topping>
                                  Price: 5.140822
Customer: 1494279232 <Business>
                                  Price: 5.140822
                                                     Description: SpringRoll <extra Topping> <extra Topping>
Customer: 1650967483 < Casual>
                                 Price: 4.682373
                                                   Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1650967483 < Casual>
                                Price: 4.968971
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 87285178 <Casual>
                               #Exec: selected roll is sold out!
Customer: 610998173 < Casual>
                                Price: 5.332830
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 610998173 < Casual>
                                Price: 5.359230
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 610998173 < Casual>
                                Price: 5.521079
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 2047329716 < Casual >
                                #Exec: selected roll is sold out!
                                Price: 4.590000 Description: SausageRoll <extra Sauce>
Customer: 648129364 < Casual >
Customer: 648129364 < Casual >
                                Price: 4.776020 Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 1029991479 <Casual>
                                #Exec: selected roll is sold out!
Customer: 1104106489 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 1104106489 <Catering>
                                   Price: 5.722899
                                                     Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1104106489 < Catering>
                                  Price: 5.924193
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                                     Description: JellyRoll <extra Topping> <extra Topping>
Customer: 1104106489 < Catering>
                                   Price: 5.666237
Customer: 1104106489 <Catering>
                                   Price: 5.722899
                                                     Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
                                   Price: 5.582500
                                                     Description: JellyRoll <extra Topping>
Customer: 1104106489 <Catering>
Customer: 1104106489 <Catering>
                                  Price: 6.462756
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1104106489 <Catering>
                                  Price: 6.090000
                                                     Description: PastryRoll <extra Topping>
Customer: 1104106489 <Catering>
                                  Price: 6.000000
                                                     Description: PastryRoll
                                  Price: 6.304824
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1104106489 <Catering>
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1104106489 <Catering>
                                  Price: 6.336036
Customer: 1104106489 <Catering>
                                   Price: 5.254148
                                                     Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1104106489 <Catering>
                                   Price: 5.359230
                                                     Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 1104106489 <Catering>
                                   Price: 5.228265
Customer: 1104106489 <Catering>
                                   Price: 5.202000
                                                     Description: EggRoll <extra Sauce> <extra Sauce>
Customer: 1104106489 <Catering>
                                  Price: 5.254148
                                                     Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 94438417 <Casual>
                               Price: 4.847068
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 94438417 <Casual>
                               Price: 4.658850
                                                 Description: SausageRoll <extra Sauce> <extra Topping>
                                  #Exec: selected roll is sold out!
Customer: 787604730 <Catering>
Customer: 787604730 <Catering>
                                  Price: 5.332830 Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 787604730 <Catering>
                                  Price: 5.050000
                                                    Description: EggRoll <extra Filling>
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 787604730 <Catering>
                                  Price: 5.280030
Customer: 787604730 <Catering>
                                  Price: 5.075000
                                                    Description: EggRoll <extra Topping>
                                  Price: 5.050000
                                                    Description: EggRoll <extra Filling>
Customer: 787604730 <Catering>
Customer: 787604730 <Catering>
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
                                  Price: 4.752028
Customer: 787604730 <Catering>
                                 Price: 4.705439
                                                    Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 787604730 <Catering>
                                  Price: 4.500000
                                                    Description: SausageRoll
Customer: 787604730 <Catering>
                                  Price: 4,682373
                                                    Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 787604730 <Catering>
                                  Price: 4.895538
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 787604730 <Catering>
                                  Price: 5.582500
                                                    Description: JellyRoll <extra Topping>
Customer: 787604730 <Catering>
                                  Price: 5.954105
                                                    Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                    Description: JellyRoll <extra Filling> <extra Topping>
Customer: 787604730 <Catering>
                                  Price: 5.638325
Customer: 787604730 <Catering>
                                  Price: 5.808033
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 787604730 <Catering>
                                  Price: 5.610000
                                                    Description: JellyRoll <extra Sauce>
Customer: 812265671 <Casual>
                                #Exec: selected roll is sold out!
Customer: 193064360 <Casual>
                                Price: 6.430920
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 193064360 <Casual>
                                Price: 6.243164
                                                  Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 193064360 < Casual>
                                Price: 6,462756
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 109961541 <Catering>
                                  #Exec: selected roll is sold out!
                                  Price: 5.359230
Customer: 109961541 <Catering>
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 5.050000
                                                    Description: EggRoll <extra Filling>
Customer: 109961541 <Catering>
Customer: 109961541 <Catering>
                                  Price: 5.521079
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 109961541 <Catering>
                                                    Description: EggRoll <extra Sauce> <extra Sauce>
                                  Price: 5.202000
Customer: 109961541 <Catering>
                                  Price: 5.254020
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
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Customer: 109961541 <Catering>
                                 Price: 6.060000
                                                   Description: PastryRoll <extra Filling>
 Customer: 109961541 <Catering>
                                 Price: 6.060000
                                                   Description: PastryRoll <extra Filling>
 Customer: 109961541 <Catering>
                                 Price: 6.211800
                                                   Description: PastryRoll <extra Sauce> <extra Topping>
 Customer: 109961541 <Catering>
                                 Price: 6.181200
                                                   Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 109961541 <Catering>
                                 Price: 6.367248
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 109961541 <Catering>
                                 Price: 4.728733
                                                   Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 109961541 <Catering>
                                 Price: 4.728733
                                                   Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 109961541 <Catering>
                                 Price: 4.635900
                                                   Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 109961541 <Catering>
                                 Price: 4.968971
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 109961541 <Catering>
                                 Price: 4.636013
                                                   Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 670700378 <Casual>
                               Price: 5.202636
                                                Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 12
Product: EggRoll Total sell: 21
Product: PastryRoll Total sell: 18
Product: SpringRoll Total sell: 2
Product: SausageRoll Total sell: 18
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 87.500877
Customer: Catering Total bill: 244.991241
Customer: Business Total bill: 54.589695
Total payment: 387.081818
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 4
Customer: Catering Outage: 3
Total outage: 7
Roll: 9
Jelly Roll: 18
Pastry Roll: 12
Spring Roll: 0
Sausage Roll: 12
--Food Store at <220 Summit Blvd> on <Day 16>-
Roll: 9
Egg
Jelly Roll: 18
Pastry Roll: 12
Spring Roll: 30
Sausage Roll: 12
************************************ Day Begin Inventory ***********************
 Customer: 1190654826 <Catering>
                                 Price: 5.359100
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1190654826 <Catering>
                                  Price: 5.306040
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1190654826 <Catering>
                                  Price: 5.202636
                                                    Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1190654826 <Catering>
                                  Price: 5.359100
 Customer: 1190654826 <Catering>
                                  Price: 5.306689
                                                    Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1190654826 <Catering>
                                  Price: 6.304977
                                                    Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1190654826 <Catering>
                                  Price: 6.273918
                                                    Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1190654826 <Catering>
                                  Price: 6.304824
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1190654826 <Catering>
                                  Price: 6.000000
                                                    Description: PastryRoll
 Customer: 1190654826 <Catering>
                                  Price: 6.336036
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1190654826 <Catering>
                                  Price: 4.682373
                                                    Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1190654826 <Catering>
                                  Price: 4.590000
                                                    Description: SausageRoll <extra Sauce>
                                                    Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1190654826 <Catering>
                                  Price: 4.776020
 Customer: 1190654826 <Catering>
                                  Price: 4.728618
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1190654826 <Catering>
                                  Price: 4.658850
                                                    Description: SausageRoll <extra Sauce> <extra Topping>
 Customer: 1109371569 < Casual >
                                Price: 5.217808
                                                  Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 728890494 <Business>
                                 Price: 5.050000
                                                   Description: EggRoll <extra Filling>
                                 Price: 5.306040
 Customer: 728890494 <Business>
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 728890494 <Business>
                                 Price: 5.808033
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 728890494 <Business>
                                 Price: 5.866113
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 728890494 <Business>
                                 Price: 6.243164
                                                   Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 728890494 <Business>
                                 Price: 6.211800
                                                   Description: PastryRoll <extra Sauce> <extra Topping>
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 728890494 <Business>
                                 Price: 4.799547
```

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Customer: 728890494 <Business>
                                 Price: 4.823308
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 728890494 <Business>
                                 Price: 5.243512
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 728890494 <Business>
                                 Price: 5.243512
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 2
Product: EggRoll Total sell: 7
Product: PastryRoll Total sell: 7
Product: SpringRoll Total sell: 3
Product: SausageRoll Total sell: 7
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 5.217808
Customer: Catering Total bill: 81.189178
Customer: Business Total bill: 54.595028
Total payment: 141.002014
Egg Roll: 2
Jelly Roll: 16
Pastry Roll: 5
Spring Roll: 27
Sausage Roll: 5
Roll: 2
Jelly Roll: 16
Pastry Roll: 5
Spring Roll: 27
Sausage Roll: 5
*********************************** Day Begin Inventory ************************
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Toppinq> <extra Toppinq>
 Customer: 1558600329 <Business>
                                 Price: 5.521079
 Customer: 1558600329 <Business>
                                  Price: 5.359230
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 5.582500
 Customer: 1558600329 <Business>
                                                   Description: JellyRoll <extra Topping>
 Customer: 1558600329 <Business>
                                  Price: 5.666237
                                                   Description: JellyRoll <extra Topping> <extra Topping>
 Customer: 1558600329 <Business>
                                  Price: 6.120000
                                                   Description: PastryRoll <extra Sauce>
 Customer: 1558600329 <Business>
                                  Price: 6.399396
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1558600329 <Business>
                                  Price: 4.636013
                                                   Description: SausageRoll <extra Topping> <extra Topping>
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1558600329 <Business>
                                  Price: 4.728618
 Customer: 1558600329 <Business>
                                  Price: 5.295428
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                                   Description: SpringRoll <extra Sauce>
 Customer: 1558600329 <Business>
                                  Price: 5.089800
 Customer: 636718812 < Casual >
                               #Exec: selected roll is sold out!
 Customer: 445051633 <Catering>
                                 #Exec: selected roll is sold out!
 Customer: 445051633 <Catering>
                                 #Exec: selected roll is sold out!
 Customer: 445051633 <Catering>
                                 Price: 6.181350
                                                  Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 445051633 <Catering>
                                 Price: 6.060000
                                                  Description: PastryRoll <extra Filling>
                                                  Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 445051633 <Catering>
                                 Price: 6.243164
 Customer: 445051633 <Catering>
                                 Price: 5.039900
                                                  Description: SpringRoll <extra Filling>
 Customer: 445051633 <Catering>
                                 Price: 5.166147
                                                  Description: SpringRoll <extra Sauce> <extra Topping>
 Customer: 445051633 <Catering>
                                 Price: 5.401998
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 445051633 <Catering>
                                 Price: 5,295428
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                 Price: 5.192231
 Customer: 445051633 <Catering>
                                                  Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 445051633 <Catering>
                                 Price: 6.073187
 Customer: 445051633 <Catering>
                                 Price: 5.666100
                                                  Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 445051633 <Catering>
                                 Price: 5.808033
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
                                 Price: 5.808033
 Customer: 445051633 <Catering>
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 445051633 <Catering>
                                 Price: 5.582500
                                                  Description: JellyRoll <extra Topping>
 Customer: 445051633 <Catering>
                                 Price: 6.013056
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 445051633 <Catering>
                                 Price: 5.751091
                                                  Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1051754451 < Casual >
                                #Exec: selected roll is sold out!
 Customer: 1349277854 < Casual >
                                #Exec: selected roll is sold out!
 Customer: 1775282465 <Business>
                                  Price: 5.836644
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1775282465 <Business>
                                  Price: 5.924193
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1775282465 <Business>
                                  Price: 4.500000
                                                   Description: SausageRoll
 Customer: 1775282465 <Business>
                                  Price: 4.636013
                                                   Description: SausageRoll <extra Topping> <extra Topping>
```

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Customer: 1775282465 <Business>
                                  Price: 5.510037
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1147985808 < Casual>
                                Price: 5.722899
                                                 Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 2040495657 < Casual>
                                #Exec: selected roll is sold out!
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 12
Product: EggRoll Total sell: 2
Product: PastryRoll Total sell: 5
Product: SpringRoll Total sell: 9
Product: SausageRoll Total sell: 4
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 5.722899
Customer: Catering Total bill: 85.282211
Customer: Business Total bill: 85.971329
Total payment: 176.976440
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 4
Customer: Catering Outage: 2
Customer: Business Outage: 2
Total outage: 8
Egg Roll: 0
Jelly Roll: 4
Pastry Roll: 0
Spring Roll: 18
Sausage Roll: 1
--Food Store at <220 Summit Blvd> on <Day 18>-
Roll: 30
Jelly Roll: 4
Pastry Roll: 30
Spring Roll: 18
Sausage Roll: 1
************************************* Day Begin Inventory **********************
                               Price: 6.073187
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1267032364 <Casual>
                                Price: 5.722200
                                                 Description: JellyRoll <extra Sauce> <extra Sauce>
 Customer: 1267032364 < Casual >
 Customer: 661672156 <Catering>
                                 Price: 5.254020
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 661672156 <Catering>
                                 Price: 5.254020
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
                                 Price: 5.359230
 Customer: 661672156 <Catering>
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 5.359230
 Customer: 661672156 <Catering>
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 661672156 <Catering>
                                 Price: 5.306689
                                                   Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 661672156 <Catering>
                                 Price: 6.336036
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 661672156 <Catering>
                                 Price: 6.625295
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 661672156 <Catering>
                                 Price: 6.060000
                                                   Description: PastryRoll <extra Filling>
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 661672156 <Catering>
                                 Price: 6.367248
 Customer: 661672156 <Catering>
                                 Price: 6.462756
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 661672156 <Catering>
                                 Price: 5.192231
                                                   Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 661672156 <Catering>
                                 Price: 5.401998
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 661672156 <Catering>
                                 Price: 5.322165
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 661672156 <Catering>
                                 Price: 5.348382
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 661672156 <Catering>
                                 Price: 5.348512
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 96639997 <Business>
                                Price: 5.306689
                                                  Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                  Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 96639997 <Business>
                                Price: 5.228265
 Customer: 96639997 <Business>
                                Price: 5.638325
                                                  Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 96639997 <Business>
                                Price: 6.073187
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 96639997 <Business>
                                Price: 6.430920
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 96639997 <Business>
                                Price: 6.181350
                                                  Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 96639997 <Business>
                                Price: 5.089800
                                                  Description: SpringRoll <extra Sauce>
 Customer: 96639997 <Business>
                                Price: 5.295428
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                 Price: 5.280030
 Customer: 128893786 <Business>
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 128893786 <Business>
                                 Price: 5.521079
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
```

Description: SpringRoll <extra Sauce> <extra Topping>

Customer: 1775282465 <Business>

Price: 5.166147

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Customer: 128893786 <Business>
                                 Price: 6.243164
                                                   Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 128893786 <Business>
                                 Price: 6.368027
                                                   Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                 Price: 4.990000
 Customer: 128893786 <Business>
                                                   Description: SpringRoll
 Customer: 128893786 <Business>
                                 Price: 5.166147
                                                   Description: SpringRoll <extra Sauce> <extra Topping>
 Customer: 1732398722 <Business>
                                  Price: 5.385631
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1732398722 <Business>
                                  Price: 5.412822
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1732398722 <Business>
                                  Price: 6.430920
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1732398722 <Business>
                                  Price: 6.527384
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1732398722 <Business>
                                  Price: 5.322165
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1732398722 <Business>
                                  Price: 5.192231
                                                    Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1108411398 <Catering>
                                  #Exec: selected roll is sold out!
 Customer: 1108411398 <Catering>
                                  #Exec: selected roll is sold out
 Customer: 1108411398 <Catering>
                                  Price: 5.412822
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1108411398 <Catering>
                                  Price: 5.050000
                                                    Description: EggRoll <extra Filling>
 Customer: 1108411398 <Catering>
                                  Price: 5.228265
                                                    Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
                                                    Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1108411398 <Catering>
                                  Price: 5.306689
                                  Price: 5.439487
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1108411398 <Catering>
                                  Price: 5.348382
 Customer: 1108411398 <Catering>
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1108411398 <Catering>
                                  Price: 5.115499
                                                    Description: SpringRoll <extra Filling> <extra Topping>
                                                    Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 1108411398 <Catering>
                                  Price: 5.140822
 Customer: 1108411398 <Catering>
                                  Price: 5.115499
                                                    Description: SpringRoll <extra Filling> <extra Topping>
 Customer: 1108411398 <Catering>
                                  Price: 5.510037
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1108411398 <Catering>
                                  Price: 4.636013
                                                    Description: SausageRoll <extra Topping> <extra Topping>
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1108411398 < Catering>
                                  Price: 6.495388
 Customer: 1108411398 <Catering>
                                  Price: 6.120000
                                                    Description: PastryRoll <extra Sauce>
 Customer: 1108411398 <Catering>
                                  Price: 6.431076
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1108411398 <Catering>
                                  Price: 6.559698
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 4
Product: EggRoll Total sell: 16
Product: PastryRoll Total sell: 15
Product: SpringRoll Total sell: 16
Product: SausageRoll Total sell: 1
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 11.795387
Customer: Catering Total bill: 167.907486
Customer: Business Total bill: 113.083557
Total payment: 292.786438
----> Orders impacted by a roll outage by customer type <----
Customer: Catering Outage: 2
Customer: Business Outage: 5
Total outage: 7
Egg Roll: 14
Jelly Roll: 0
     Roll: 14
Pastry Roll: 15
Spring Roll: 2
Sausage Roll: 0
--Food Store at <220 Summit Blvd> on <Day 19>-
Roll: 14
Jelly Roll: 30
Pastry Roll: 15
Spring Roll: 2
Sausage Roll: 30
****************************** Day Begin Inventory **********************
 Customer: 1394438858 <Catering>
                                 #Exec: selected roll is sold out!
 Customer: 1394438858 < Catering>
                                  Price: 5.050000
                                                    Description: EggRoll <extra Filling>
 Customer: 1394438858 <Catering>
                                  Price: 5.202636
                                                    Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1394438858 < Catering >
                                  Price: 5.125750
                                                    Description: EggRoll <extra Filling> <extra Topping>
 Customer: 1394438858 <Catering>
                                  Price: 5.359230
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1394438858 <Catering>
                                  Price: 5.412822
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1394438858 <Catering>
                                  Price: 5.295428
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1394438858 <Catering>
                                  Price: 5.510037
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
```

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Customer: 1394438858 <Catering>
                                   Price: 4.823191
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1394438858 <Catering>
                                   Price: 4.847068
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1394438858 <Catering>
                                   Price: 4.658850
                                                     Description: SausageRoll <extra Sauce> <extra Topping>
 Customer: 1394438858 <Catering>
                                   Price: 4.500000
                                                     Description: SausageRoll
 Customer: 1394438858 <Catering>
                                   Price: 4.728733
                                                     Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1394438858 <Catering>
                                   Price: 6.430920
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                   Price: 6.399396
 Customer: 1394438858 <Catering>
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1394438858 <Catering>
                                   Price: 6.559698
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 584634336 <Casual>
                                 Price: 4.919774
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1469821799 <Casual>
                                 Price: 4.590000
                                                   Description: SausageRoll <extra Sauce>
 Customer: 1469821799 <Casual>
                                 Price: 4.636013
                                                   Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 501263526 <Casual>
                                 Price: 5.254148
                                                   Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 626202354 <Business>
                                  Price: 5.439487
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                  Price: 5.412822
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 626202354 <Business>
 Customer: 626202354 <Business>
                                  Price: 5.837358
                                                    Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.722200
                                                     Description: JellyRoll <extra Sauce> <extra Sauce>
 Customer: 626202354 <Business>
                                  Price: 6.367248
 Customer: 626202354 <Business>
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 626202354 <Business>
                                  Price: 6.495388
                                                    Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 626202354 <Business>
                                  Price: 4.682373
 Customer: 626202354 <Business>
                                  Price: 4.776020
                                                    Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1099983479 <Casual>
                                 #Exec: selected roll is sold out!
 Customer: 1268447657 < Casual >
                                 Price: 5.924193
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1268447657 < Casual>
                                 Price: 6.013056
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1268447657 < Casual>
                                 Price: 5.722899
                                                   Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
                                 Price: 4.752028
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1401420256 <Casual>
 Customer: 1401420256 < Casual>
                                 Price: 4.613175
                                                   Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 1851691492 <Casual>
                                 #Exec: selected roll is sold out!
 Customer: 752848266 <Business>
                                  Price: 5.100000
                                                    Description: EggRoll <extra Sauce>
 Customer: 752848266 <Business>
                                  Price: 5.228265
                                                    Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 752848266 <Business>
                                  Price: 5.694150
                                                    Description: JellyRoll <extra Sauce> <extra Topping>
 Customer: 752848266 <Business>
                                  Price: 5.751091
                                                    Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 752848266 <Business>
                                  Price: 6.304824
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 752848266 <Business>
                                  Price: 6.430920
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 752848266 <Business>
                                  Price: 4.847068
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 752848266 <Business>
                                  Price: 4.968971
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 7
Product: EggRoll Total sell: 10
Product: PastryRoll Total sell: 7
Product: SpringRoll Total sell: 2
Product: SausageRoll Total sell: 14
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 46.425285
Customer: Catering Total bill: 79.903763
Customer: Business Total bill: 89.058189
Total payment: 215.387238
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 2
Customer: Catering Outage: 1
Customer: Business Outage: 2
Total outage: 5
Egg Roll: 4
Jelly Roll: 23
Pastry Roll: 8
Spring Roll: 0
Sausage Roll: 16
```

----Food Store at <220 Summit Blvd> on <Day 20>-----

```
Jelly Roll: 23
Pastry Roll: 8
Spring Roll: 30
Sausage Roll: 16
****************************** Day Begin Inventory **********************
 Customer: 815033865 <Catering>
                                 Price: 5.115499
                                                    Description: SpringRoll <extra Filling> <extra Topping>
 Customer: 815033865 < Catering>
                                  Price: 5.243639
                                                     Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 815033865 <Catering>
                                  Price: 5.089800
                                                    Description: SpringRoll <extra Sauce>
 Customer: 815033865 <Catering>
                                  Price: 5.401998
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 815033865 < Catering>
                                  Price: 5.140698
                                                    Description: SpringRoll <extra Sauce> <extra Filling>
 Customer: 815033865 < Catering>
                                  Price: 4.613175
                                                    Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 815033865 <Catering>
                                  Price: 4.613175
                                                    Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 815033865 <Catering>
                                  Price: 4.682373
                                                    Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 815033865 < Catering>
                                  Price: 4.681800
                                                     Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 815033865 < Catering>
                                  Price: 4.775436
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 815033865 <Catering>
                                  Price: 5.895154
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 5.837358
                                                     Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 815033865 < Catering>
                                  Price: 5.808033
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 815033865 < Catering>
 Customer: 815033865 < Catering>
                                  Price: 5.983435
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 815033865 < Catering>
                                  Price: 5.836644
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1555093762 <Business>
                                   Price: 5.521079
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                     Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1555093762 <Business>
                                   Price: 5.306689
 Customer: 1555093762 <Business>
                                   Price: 5.983435
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1555093762 <Business>
                                   Price: 6.073187
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1555093762 <Business>
                                   Price: 6.304977
                                                     Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1555093762 <Business>
                                   Price: 6.150900
                                                     Description: PastryRoll <extra Filling> <extra Topping>
 Customer: 1555093762 <Business>
                                   Price: 4.823308
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1555093762 <Business>
                                   Price: 4.895538
 Customer: 1555093762 <Business>
                                   Price: 5.269470
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1555093762 <Business>
                                   Price: 5.064850
                                                     Description: SpringRoll <extra Topping>
 Customer: 1190900417 < Casual>
                                 Price: 4.728733
                                                    Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1190900417 <Casual>
                                 Price: 4.500000
                                                   Description: SausageRoll
                                 Price: 5.455482
 Customer: 379110473 <Casual>
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 379110473 <Casual>
                                Price: 5,401998
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                               Price: 5.243512
 Customer: 99550389 <Casual>
                                                 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
                               Price: 5.269470
 Customer: 99550389 <Casual>
                                                 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1598924227 <Catering>
                                   #Exec: selected roll is sold out!
 Customer: 1598924227 <Catering>
                                   Price: 5.296075
                                                     Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1598924227 <Catering>
                                   Price: 5.140698
                                                     Description: SpringRoll <extra Sauce> <extra Filling>
 Customer: 1598924227 <Catering>
                                   Price: 4.990000
                                                     Description: SpringRoll
 Customer: 1598924227 <Catering>
                                   Price: 5.296075
                                                     Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1598924227 <Catering>
                                   Price: 5.455482
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                                     Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1598924227 <Catering>
                                   Price: 5.779562
 Customer: 1598924227 <Catering>
                                   Price: 5.895010
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1598924227 <Catering>
                                   Price: 5.694150
                                                     Description: JellyRoll <extra Sauce> <extra Topping>
 Customer: 1598924227 <Catering>
                                   Price: 5.638325
                                                     Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 1598924227 <Catering>
                                   Price: 5.500000
                                                     Description: JellyRoll
 Customer: 1598924227 <Catering>
                                   Price: 5.385631
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1598924227 <Catering>
                                   Price: 5.125750
                                                     Description: EggRoll <extra Filling> <extra Topping>
 Customer: 1598924227 <Catering>
                                   Price: 6.527384
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1598924227 <Catering>
                                   Price: 6.181200
                                                     Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 1598924227 <Catering>
                                   Price: 6.399396
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1144748369 < Casual >
                                 Price: 5.269470
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 340870931 < Casual>
                                 Price: 4.590000
                                                  Description: SausageRoll <extra Sauce>
 Customer: 340870931 <Casual>
                                 Price: 4.728733
                                                  Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 340870931 <Casual>
                                Price: 4.705439
                                                  Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1768305536 <Catering>
                                   #Exec: selected roll is sold out!
 Customer: 1768305536 <Catering>
                                   #Exec: selected roll is sold out!
                                   #Exec: selected roll is sold out!
 Customer: 1768305536 <Catering>
 Customer: 1768305536 <Catering>
                                   Price: 4.871541 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
```

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Customer: 1768305536 <Catering>
                                  Price: 4.823191
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1768305536 <Catering>
                                  Price: 4.799547
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1768305536 <Catering>
                                  Price: 4.545000
                                                   Description: SausageRoll <extra Filling>
 Customer: 1768305536 <Catering>
                                  Price: 5.694150
                                                   Description: JellyRoll <extra Sauce> <extra Topping>
 Customer: 1768305536 <Catering>
                                  Price: 5.555000
                                                   Description: JellyRoll <extra Filling>
                                                   Description: JellyRoll <extra Topping> <extra Topping>
 Customer: 1768305536 <Catering>
                                  Price: 5.666237
                                                   Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 1768305536 <Catering>
                                  Price: 5.666100
 Customer: 1768305536 <Catering>
                                  Price: 5.866113
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1768305536 <Catering>
                                  Price: 6.304824
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1768305536 <Catering>
                                  Price: 6.181200
                                                   Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 1768305536 <Catering>
                                  Price: 6.150900
                                                   Description: PastryRoll <extra Filling> <extra Topping>
 Customer: 1768305536 <Catering>
                                  Price: 5.428608
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1768305536 <Catering>
                                  Price: 5.089800
                                                   Description: SpringRoll <extra Sauce>
 Customer: 1768305536 <Catering>
                                  Price: 5.374859
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1530388690 < Casual>
                                #Exec: selected roll is sold out!
 Customer: 1146743572 <Casual>
                                #Exec: selected roll is sold out!
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 17
Product: EggRoll Total sell: 4
Product: PastryRoll Total sell: 8
Product: SpringRoll Total sell: 20
Product: SausageRoll Total sell: 16
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 49.892838
Customer: Catering Total bill: 245.040039
Customer: Business Total bill: 55,393433
Total payment: 350.326294
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 2
Customer: Catering Outage: 4
Total outage: 6
Egg Roll: 0
Jelly Roll: 6
Pastry Roll: 0
Spring Roll: 10
Sausage Roll: 0
-Food Store at <220 Summit Blvd> on <Day 21>-
Egg
       Roll: 30
Jelly Roll: 6
Pastry Roll: 30
Spring Roll: 10
Sausage Roll: 30
****************************** Day Begin Inventory **********************
                                                   Description: PastryRoll <extra Sauce>
 Customer: 1512981843 < Catering>
                                 Price: 6.120000
 Customer: 1512981843 <Catering>
                                  Price: 6.243164
                                                   Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1512981843 < Catering>
                                  Price: 6.060000
                                                   Description: PastryRoll <extra Filling>
 Customer: 1512981843 <Catering>
                                  Price: 6.060000
                                                   Description: PastryRoll <extra Filling>
 Customer: 1512981843 <Catering>
                                  Price: 6.090000
                                                   Description: PastryRoll <extra Topping>
 Customer: 1512981843 <Catering>
                                  Price: 4.613175
                                                   Description: SausageRoll <extra Filling> <extra Topping>
                                 Price: 4.567500
                                                   Description: SausageRoll <extra Topping>
 Customer: 1512981843 <Catering>
 Customer: 1512981843 < Catering>
                                  Price: 4,681800
                                                   Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 1512981843 < Catering>
                                  Price: 4.847068
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1512981843 <Catering>
                                  Price: 4.728618
 Customer: 1512981843 < Catering>
                                  Price: 5.217808
                                                   Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1512981843 < Catering>
                                  Price: 5.295428
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1512981843 < Catering>
                                  Price: 5.401998
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1512981843 < Catering>
                                  Price: 5.348512
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 5.428608
 Customer: 1512981843 <Catering>
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 42768293 <Casual>
                              Price: 4.682373
                                                Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 42768293 <Casual>
                              Price: 4.752028
                                               Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
```

```
Customer: 1717159510 <Catering>
                                 Price: 5.228265
                                                   Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1717159510 <Catering>
                                 Price: 5.412822
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1717159510 <Catering>
                                 Price: 5.466415
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 5.521079
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1717159510 <Catering>
 Customer: 1717159510 <Catering>
                                 Price: 5.228265
                                                   Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1717159510 <Catering>
                                 Price: 5.348382
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                                   Description: SpringRoll <extra Filling>
 Customer: 1717159510 <Catering>
                                 Price: 5.039900
 Customer: 1717159510 <Catering>
                                 Price: 5.192231
                                                   Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1717159510 <Catering>
                                 Price: 5.455482
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1717159510 <Catering>
                                 Price: 5.089800
                                                   Description: SpringRoll <extra Sauce>
 Customer: 1717159510 <Catering>
                                 Price: 4.847068
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1717159510 <Catering>
                                 Price: 4.799547
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1717159510 <Catering>
                                 Price: 4.635900
                                                   Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 1717159510 <Catering>
                                 Price: 4.728733
                                                   Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 4.919774
 Customer: 1717159510 <Catering>
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1834188994 < Casual >
                                Price: 5.610000
                                                 Description: JellvRoll <extra Sauce>
                               Price: 5.500000
 Customer: 1834188994 < Casual>
                                                 Description: JellyRoll
                               Price: 5.151000
                                                 Description: EggRoll <extra Sauce> <extra Filling>
 Customer: 1174361318 < Casual >
 Customer: 589873731 < Casual >
                               #Exec: selected roll is sold out!
 Customer: 200006406 <Casual>
                               Price: 4.895538
                                                Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 200006406 <Casual>
                               Price: 4.752028
                                                Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2052001577 < Casual>
                                Price: 4.871541
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1160264930 <Business>
                                 Price: 5.332830
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1160264930 <Business>
                                 Price: 5.151125
                                                   Description: EggRoll <extra Topping> <extra Topping>
 Customer: 1160264930 <Business>
                                 Price: 5.779422
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1160264930 <Business>
                                 Price: 5.722200
                                                   Description: JellyRoll <extra Sauce> <extra Sauce>
                                                   Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1160264930 <Business>
                                 Price: 6.243164
 Customer: 1160264930 <Business>
                                 Price: 6.243164
                                                   Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
                                 Price: 4.775436
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1160264930 <Business>
 Customer: 1160264930 <Business>
                                 Price: 4.752028
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 544724190 < Casual >
                               Price: 4.681800
                                                Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 544724190 < Casual>
                               Price: 4.705439
                                                Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 544724190 < Casual>
                              Price: 4.968971
                                               Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 4
Product: EggRoll Total sell: 8
Product: PastryRoll Total sell: 7
Product: SpringRoll Total sell: 10
Product: SausageRoll Total sell: 20
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 54.570717
Customer: Catering Total bill: 157.617310
Customer: Business Total bill: 43.999367
Total payment: 256.187378
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 1
Customer: Business Outage: 1
Total outage: 2
Roll: 22
Jelly Roll: 2
Pastry Roll: 23
Spring Roll: 0
Sausage Roll: 10
--Food Store at <220 Summit Blvd> on <Day 22>-
```

Egg Roll: 22 Jelly Roll: 2 Pastry Roll: 23

```
Spring Roll: 30
Sausage Roll: 10
**************************** Day Begin Inventory ***********************
                                   #Exec: selected roll is sold out!
 Customer: 1972439101 <Catering>
 Customer: 1972439101 <Catering>
                                   Price: 6.242400
                                                      Description: PastryRoll <extra Sauce> <extra Sauce>
 Customer: 1972439101 <Catering>
                                   Price: 6.527384
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1972439101 <Catering>
                                   Price: 6.527384
 Customer: 1972439101 <Catering>
                                   Price: 6.181200
                                                      Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 1972439101 <Catering>
                                   Price: 6.243164
                                                      Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1972439101 <Catering>
                                   Price: 5.176500
                                                      Description: EggRoll <extra Sauce> <extra Topping>
 Customer: 1972439101 <Catering>
                                   Price: 5.254148
                                                      Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1972439101 <Catering>
                                   Price: 5.151000
                                                      Description: EggRoll <extra Sauce> <extra Filling>
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1972439101 <Catering>
                                   Price: 5.332830
 Customer: 1972439101 <Catering>
                                   Price: 5.359100
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1972439101 <Catering>
                                   Price: 5.666100
                                                      Description: JellyRoll <extra Sauce> <extra Filling>
                                                      Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1972439101 <Catering>
                                   Price: 5.954105
 Customer: 1972439101 <Catering>
                                   Price: 4.545000
                                                      Description: SausageRoll <extra Filling>
                                                      Description: SausageRoll <extra Topping>
 Customer: 1972439101 <Catering>
                                   Price: 4.567500
                                   Price: 4.705439
                                                      Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1972439101 <Catering>
 Customer: 2007328737 < Casual>
                                  Price: 4.728618
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 2007328737 < Casual>
                                 Price: 4.567500
                                                    Description: SausageRoll <extra Topping>
 Customer: 1936628443 <Casual>
                                  #Exec: selected roll is sold out!
                                 #Exec: selected roll is sold out!
 Customer: 1830908236 < Casual>
 Customer: 277630005 <Casual>
                                 #Exec: selected roll is sold out!
 Customer: 1288354730 <Business>
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                   Price: 5.521079
 Customer: 1288354730 <Business>
                                   Price: 5.100000
                                                      Description: EggRoll <extra Sauce>
 Customer: 1288354730 <Business>
                                   Price: 6.336036
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1288354730 <Business>
                                   Price: 6.367248
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1288354730 <Business>
                                   Price: 4.705439
                                                      Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1288354730 <Business>
                                                      Description: SausageRoll <extra Topping> <extra Topping>
                                   Price: 4.636013
 Customer: 1288354730 <Business>
                                   Price: 5.064850
                                                      Description: SpringRoll <extra Topping>
 Customer: 1288354730 <Business>
                                   Price: 5.243639
                                                      Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
                                                    Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 1274370218 <Casual>
                                  Price: 6.181350
                                  Price: 6.625295
 Customer: 1274370218 < Casual>
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                 Price: 4.613175
 Customer: 758705033 < Casual>
                                                   Description: SausageRoll <extra Filling> <extra Topping>
                                   Price: 5.306689
 Customer: 1604839423 <Business>
                                                      Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1604839423 <Business>
                                   Price: 5.000000
                                                      Description: EggRoll
                                   Price: 6.367248
 Customer: 1604839423 <Business>
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1604839423 <Business>
                                   Price: 6.181350
                                                      Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 1604839423 <Business>
                                   Price: 4.847068
                                                      Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1604839423 <Business>
                                   Price: 4.635900
                                                      Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 1604839423 <Business>
                                   Price: 5.166147
                                                      Description: SpringRoll <extra Sauce> <extra Topping>
 Customer: 1604839423 <Business>
                                   Price: 5.374859
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 2
Product: EggRoll Total sell: 9
Product: PastryRoll Total sell: 11
Product: SpringRoll Total sell: 4
Product: SausageRoll Total sell: 10
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 26.715939
Customer: Catering Total bill: 83.433243
Customer: Business Total bill: 85.853569
Total payment: 196,002747
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 3
Customer: Catering Outage: 1
Customer: Business Outage: 2
Total outage: 6
```

```
Jelly Roll: 0
Pastry Roll: 12
Spring Roll: 26
Sausage Roll: 0
---Food Store at <220 Summit Blvd> on <Day 23>--
Roll: 13
Jelly Roll: 30
Pastry Roll: 12
Spring Roll: 26
Sausage Roll: 30
***************************** Day Begin Inventory **********************
                                  Price: 5.254020
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1177096266 <Business>
 Customer: 1177096266 <Business>
                                  Price: 5.151125
                                                    Description: EdgRoll <extra Topping> <extra Topping>
                                                    Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1177096266 <Business>
                                  Price: 5.837358
 Customer: 1177096266 <Business>
                                  Price: 5.779562
                                                    Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
                                                    Description: PastryRoll <extra Filling> <extra Topping>
                                  Price: 6.150900
 Customer: 1177096266 <Business>
                                  Price: 6.399396
 Customer: 1177096266 <Business>
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1177096266 <Business>
                                  Price: 4.871541
                                                    Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 1177096266 <Business>
                                  Price: 4.635900
 Customer: 1177096266 <Business>
                                  Price: 5.217808
                                                    Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1177096266 <Business>
                                  Price: 5.269470
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 670576685 <Business>
                                  Price: 5.332830
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                  Price: 5.151125
 Customer: 670576685 <Business>
                                                    Description: EggRoll <extra Topping> <extra Topping>
 Customer: 670576685 <Business>
                                  Price: 5.895154
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 5.836644
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 670576685 <Business>
 Customer: 670576685 <Business>
                                 Price: 6.559698
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 6.462756
 Customer: 670576685 <Business>
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 670576685 <Business>
                                 Price: 4.658850
                                                   Description: SausageRoll <extra Sauce> <extra Topping>
 Customer: 670576685 <Business>
                                  Price: 4.636013
                                                    Description: SausageRoll <extra Topping> <extra Topping>
                                  Price: 5.348382
 Customer: 670576685 <Business>
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 670576685 <Business>
                                 Price: 5.243512
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1299641336 <Catering>
                                  Price: 4.658850
                                                    Description: SausageRoll <extra Sauce> <extra Topping>
                                  Price: 4.847068
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1299641336 <Catering>
 Customer: 1299641336 <Catering>
                                  Price: 4.705439
                                                    Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1299641336 <Catering>
                                  Price: 4.658850
                                                    Description: SausageRoll <extra Sauce> <extra Topping>
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1299641336 <Catering>
                                  Price: 4.752028
 Customer: 1299641336 <Catering>
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 6.073187
                                                    Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 1299641336 <Catering>
                                  Price: 5.638325
 Customer: 1299641336 <Catering>
                                  Price: 5.555000
                                                    Description: JellyRoll <extra Filling>
                                                    Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1299641336 <Catering>
                                  Price: 5.779562
 Customer: 1299641336 <Catering>
                                  Price: 5.866113
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1299641336 <Catering>
                                  Price: 5.359230
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1299641336 <Catering>
                                  Price: 5.075000
                                                    Description: EggRoll <extra Topping>
                                                    Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1299641336 <Catering>
                                  Price: 5.202636
 Customer: 1299641336 <Catering>
                                  Price: 5.306040
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1299641336 <Catering>
                                  Price: 5.125750
                                                    Description: EggRoll <extra Filling> <extra Topping>
 Customer: 764308918 < Casual >
                                Price: 4.823308
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 764308918 < Casual >
                                Price: 4.728733
                                                  Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 598446861 < Casual>
                                Price: 6.060000
                                                  Description: PastryRoll <extra Filling>
 Customer: 598446861 < Casual >
                                Price: 6.462756
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 598446861 < Casual >
                               Price: 6.273918
                                                 Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 9
Product: EggRoll Total sell: 9
Product: PastryRoll Total sell: 7
Product: SpringRoll Total sell: 4
Product: SausageRoll Total sell: 11
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 28.348717
Customer: Catering Total bill: 78.603073
Customer: Business Total bill: 109,692047
```

Roll: 13

```
Total payment: 216.643829
Jelly Roll: 21
Pastry Roll: 5
Spring Roll: 22
Sausage Roll: 19
--Food Store at <220 Summit Blvd> on <Day 24>--
Roll: 4
Jelly Roll: 21
Pastry Roll: 5
Spring Roll: 22
Sausage Roll: 19
****************************** Day Begin Inventory ***********************
 Customer: 1161082381 < Casual >
                                Price: 5.610000
                                                  Description: JellyRoll <extra Sauce>
 Customer: 1161082381 < Casual>
                                Price: 5.895154
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1067938912 <Catering>
                                  Price: 4.728733
                                                    Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1067938912 <Catering>
                                  Price: 4.823191
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1067938912 <Catering>
                                  Price: 4.636013
                                                    Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 1067938912 <Catering>
                                  Price: 4.590000
                                                    Description: SausageRoll <extra Sauce>
 Customer: 1067938912 <Catering>
                                  Price: 4.613175
                                                    Description: SausageRoll <extra Filling> <extra Topping>
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1067938912 <Catering>
                                  Price: 6.336036
 Customer: 1067938912 <Catering>
                                  Price: 6.462756
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                  Price: 6.367248
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1067938912 <Catering>
 Customer: 1067938912 <Catering>
                                  Price: 6.625295
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1067938912 <Catering>
                                  Price: 6.273918
                                                    Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1067938912 <Catering>
                                  Price: 5.954105
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.500000
 Customer: 1067938912 <Catering>
                                                    Description: JellyRoll
 Customer: 1067938912 <Catering>
                                  Price: 5.983435
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1067938912 <Catering>
                                  Price: 5.895010
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                  Price: 5.582500
 Customer: 1067938912 <Catering>
                                                    Description: JellyRoll <extra Topping>
 Customer: 1637506559 < Casual >
                                #Exec: selected roll is sold out!
 Customer: 517380410 <Casual>
                               #Exec: selected roll is sold out!
 Customer: 2117255219 <Business>
                                  Price: 5.000000
                                                    Description: EggRoll
 Customer: 2117255219 <Business>
                                  Price: 5.176500
                                                    Description: EggRoll <extra Sauce> <extra Topping>
 Customer: 2117255219 <Business>
                                  Price: 5.666100
                                                    Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 2117255219 <Business>
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                  Price: 5.836644
 Customer: 2117255219 <Business>
                                  Price: 4.968971
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2117255219 <Business>
                                  Price: 4.871541
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2117255219 <Business>
                                  Price: 5.191596
                                                    Description: SpringRoll <extra Sauce> <extra Sauce>
 Customer: 2117255219 <Business>
                                  Price: 5.140698
                                                    Description: SpringRoll <extra Sauce> <extra Filling>
 Customer: 2058534881 <Catering>
                                  #Exec: selected roll is sold out!
 Customer: 2058534881 <Catering>
                                  #Exec: selected roll is sold out!
 Customer: 2058534881 <Catering>
                                  Price: 5.836644
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                  Price: 5.722200
 Customer: 2058534881 <Catering>
                                                    Description: JellyRoll <extra Sauce> <extra Sauce>
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 2058534881 <Catering>
                                  Price: 5.779422
 Customer: 2058534881 <Catering>
                                  Price: 5.924193
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2058534881 < Catering>
                                  Price: 5.722899
                                                    Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 2058534881 <Catering>
                                  Price: 5.439487
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2058534881 <Catering>
                                  Price: 5.306040
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 2058534881 <Catering>
                                  Price: 5.322165
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2058534881 < Catering>
                                  Price: 5.064850
                                                    Description: SpringRoll <extra Topping>
 Customer: 2058534881 < Catering>
                                  Price: 5.140698
                                                    Description: SpringRoll <extra Sauce> <extra Filling>
 Customer: 2058534881 <Catering>
                                  Price: 5.374859
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2058534881 <Catering>
                                  Price: 5.428608
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2058534881 <Catering>
                                  Price: 5.191596
                                                    Description: SpringRoll <extra Sauce> <extra Sauce>
 Customer: 2058534881 <Catering>
                                  Price: 5.401998
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2058534881 < Catering>
                                  Price: 5.039900
                                                    Description: SpringRoll <extra Filling>
----> Count inventory orders by roll type <----
```

Product: JellyRoll Total sell: 14
Product: EggRoll Total sell: 4
Product: PastryRoll Total sell: 5

```
Product: SpringRoll Total sell: 10
Product: SausageRoll Total sell: 7
---> Total payment for orders by customer type <----
Customer: Casual Total bill: 11.505154
Customer: Catering Total bill: 166.066956
Customer: Business Total bill: 41.852047
Total payment: 219.424164
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 2
Customer: Catering Outage: 2
Customer: Business Outage: 1
Total outage: 5
Jelly Roll: 7
Pastry Roll: 0
Spring Roll: 12
Sausage Roll: 12
---Food Store at <220 Summit Blvd> on <Day 25>--
Roll: 30
Jelly Roll: 7
Pastry Roll: 30
Spring Roll: 12
Sausage Roll: 12
***************************** Day Begin Inventory **********************
 Customer: 1232367853 < Casual>
                                Price: 4.847068
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                Price: 4.728618
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1232367853 <Casual>
 Customer: 1673605040 < Casual>
                                Price: 4.728733
                                                 Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
                                                 Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1673605040 < Casual >
                                Price: 4.682373
 Customer: 1673605040 < Casual>
                                Price: 4.545000
                                                 Description: SausageRoll <extra Filling>
 Customer: 186276003 <Casual>
                               Price: 5.500000
                                                Description: JellyRoll
 Customer: 1681433494 <Catering>
                                 Price: 6.430920
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1681433494 <Catering>
                                  Price: 6.462756
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                  Price: 6.527384
 Customer: 1681433494 <Catering>
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1681433494 <Catering>
                                  Price: 6.625295
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                   Description: PastryRoll <extra Sauce> <extra Sauce>
 Customer: 1681433494 <Catering>
                                  Price: 6.242400
 Customer: 1681433494 <Catering>
                                 Price: 5.895010
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1681433494 <Catering>
                                 Price: 5.895010
 Customer: 1681433494 <Catering>
                                  Price: 5.808033
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1681433494 <Catering>
                                  Price: 5.666237
                                                   Description: JellyRoll <extra Topping> <extra Topping>
 Customer: 1681433494 <Catering>
                                  Price: 5.954105
                                                   Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1681433494 <Catering>
                                  Price: 5.510037
 Customer: 1681433494 <Catering>
                                  Price: 5.140822
                                                   Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 1681433494 <Catering>
                                 Price: 5.348512
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 5.217808
 Customer: 1681433494 <Catering>
                                                   Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1681433494 <Catering>
                                  Price: 5.322165
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 237061348 <Casual>
                               Price: 4.636013
                                                 Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 237061348 <Casual>
                               Price: 4.500000
                                                 Description: SausageRoll
 Customer: 237061348 <Casual>
                               Price: 4.968971
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1685538367 < Casual>
                                Price: 5.089800
                                                 Description: SpringRoll <extra Sauce>
 Customer: 1685538367 < Casual>
                                Price: 5.140698
                                                 Description: SpringRoll <extra Sauce> <extra Filling>
 Customer: 1030870354 < Casual>
                                Price: 5.100000
                                                 Description: EggRoll <extra Sauce>
 Customer: 1030870354 < Casual>
                                Price: 5.176500
                                                 Description: EggRoll <extra Sauce> <extra Topping>
 Customer: 1030870354 < Casual>
                                Price: 5.359230
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 485815673 <Casual>
                               #Exec: selected roll is sold out!
                               Price: 5.836644 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 485815673 <Casual>
 Customer: 410424423 <Catering>
                                 #Exec: selected roll is sold out!
 Customer: 410424423 <Catering>
                                 #Exec: selected roll is sold out!
```

```
Customer: 410424423 <Catering>
                                 Price: 4.799547
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 410424423 <Catering>
                                Price: 4.635900
                                                  Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 410424423 <Catering>
                                 Price: 4.728733
                                                  Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 410424423 <Catering>
                                Price: 4.613175
                                                  Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 410424423 <Catering>
                                Price: 5.521079
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 410424423 <Catering>
                                Price: 5.412822
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                Price: 5.000000
 Customer: 410424423 <Catering>
                                                  Description: EggRoll
 Customer: 410424423 <Catering>
                                Price: 5.202636
                                                  Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 410424423 <Catering>
                                Price: 5.202000
                                                  Description: EggRoll <extra Sauce> <extra Sauce>
 Customer: 410424423 <Catering>
                                 Price: 6.181200
                                                  Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 410424423 <Catering>
                                 Price: 6.304977
                                                  Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 410424423 <Catering>
                                 Price: 6.242400
                                                  Description: PastryRoll <extra Sauce> <extra Sauce>
 Customer: 410424423 <Catering>
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                 Price: 6.430920
 Customer: 410424423 <Catering>
                                 Price: 6.211800
                                                  Description: PastryRoll <extra Sauce> <extra Topping>
                                Price: 6.181200
 Customer: 410424423 <Catering>
                                                  Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 1190035432 <Casual>
                                #Exec: selected roll is sold out!
 Customer: 1963387170 <Business>
                                 Price: 5.280030
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
                                                  Description: EggRoll <extra Sauce> <extra Filling>
 Customer: 1963387170 <Business>
                                 Price: 5.151000
 Customer: 1963387170 <Business>
                                 Price: 6.120000
                                                  Description: PastryRoll <extra Sauce>
 Customer: 1963387170 <Business>
                                 Price: 6.431076
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                                  Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 1963387170 <Business>
                                 Price: 5.140822
 Customer: 1963387170 <Business>
                                 Price: 5.089800
                                                  Description: SpringRoll <extra Sauce>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 7
Product: EggRoll Total sell: 10
Product: PastryRoll Total sell: 13
Product: SpringRoll Total sell: 9
Product: SausageRoll Total sell: 12
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 74.839653
Customer: Catering Total bill: 170.714905
Customer: Business Total bill: 33.212730
Total payment: 278.767303
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 2
Customer: Catering Outage: 2
Customer: Business Outage: 2
Total outage: 6
Roll: 20
Jelly Roll: 0
Pastry Roll: 17
Spring Roll: 3
Sausage Roll: 0
--Food Store at <220 Summit Blvd> on <Day 26>--
Egg
       Roll: 20
Jelly Roll: 30
Pastry Roll: 17
Spring Roll: 3
Sausage Roll: 30
Customer: 1323468230 < Casual>
                               Price: 5.202000
                                                Description: EggRoll <extra Sauce> <extra Sauce>
 Customer: 1323468230 < Casual>
                               Price: 5.228265
                                                 Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1323468230 < Casual >
                               Price: 5.439487
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1645995473 <Casual>
                               Price: 6.211800
                                                 Description: PastryRoll <extra Sauce> <extra Topping>
 Customer: 1463801669 <Business>
                                 Price: 5.075000
                                                  Description: EggRoll <extra Topping>
 Customer: 1463801669 <Business>
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 5.466415
                                 Price: 5.779422
 Customer: 1463801669 <Business>
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1463801669 <Business>
                                 Price: 5.983435
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1463801669 <Business>
                                 Price: 6.000000
                                                  Description: PastryRoll
 Customer: 1463801669 <Business>
                                 Price: 6.495388
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
```

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Customer: 1463801669 <Business>
                                  Price: 4.545000
                                                     Description: SausageRoll <extra Filling>
Customer: 1463801669 <Business>
                                  Price: 4.775436
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                  Price: 5.510037
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1463801669 <Business>
Customer: 1463801669 <Business>
                                  Price: 5.322165
                                                     Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 355629945 <Business>
                                  Price: 5.100000
                                                    Description: EggRoll <extra Sauce>
                                  Price: 5.359100
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 355629945 <Business>
Customer: 355629945 <Business>
                                  Price: 5.866113
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 355629945 <Business>
                                  Price: 5.924193
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 355629945 <Business>
                                  Price: 6.304824
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
                                  Price: 6.060000
Customer: 355629945 <Business>
                                                    Description: PastryRoll <extra Filling>
Customer: 355629945 <Business>
                                  Price: 4.895538
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 355629945 <Business>
                                  Price: 4.968971
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.332830
Customer: 1327763628 <Business>
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1327763628 <Business>
                                  Price: 5.306040
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 1327763628 <Business>
                                  Price: 5.666100
                                                     Description: JellyRoll <extra Sauce> <extra Filling>
                                                     Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1327763628 <Business>
                                  Price: 5.722899
Customer: 1327763628 <Business>
                                  Price: 6.090000
                                                     Description: PastryRoll <extra Topping>
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 6.431076
Customer: 1327763628 <Business>
Customer: 1327763628 <Business>
                                  Price: 4.968971
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1327763628 <Business>
                                  Price: 4.895538
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1915503092 <Catering>
                                  #Exec: selected roll is sold out!
Customer: 1915503092 <Catering>
                                  Price: 5.722899
                                                     Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1915503092 <Catering>
                                  Price: 5.983435
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1915503092 <Catering>
                                  Price: 6.073187
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.779562
                                                     Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1915503092 <Catering>
Customer: 1915503092 <Catering>
                                  Price: 6.013056
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1915503092 <Catering>
                                  Price: 5.385631
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1915503092 <Catering>
                                  Price: 5.075000
                                                     Description: EggRoll <extra Topping>
                                  Price: 5.359100
Customer: 1915503092 <Catering>
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1915503092 <Catering>
                                  Price: 5.332830
Customer: 1915503092 <Catering>
                                  Price: 5.385631
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1915503092 <Catering>
                                  Price: 5.217808
                                                     Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 1915503092 <Catering>
                                  Price: 6.000000
                                                     Description: PastryRoll
Customer: 1915503092 <Catering>
                                  Price: 6.462756
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1915503092 <Catering>
                                  Price: 6.181350
                                                     Description: PastryRoll <extra Topping> <extra Topping>
Customer: 1915503092 <Catering>
                                                     Description: PastryRoll <extra Filling>
                                  Price: 6.060000
Customer: 1535128843 < Casual>
                                Price: 6.367248
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                Price: 6.304824
Customer: 1535128843 < Casual>
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
                                Price: 6.368027
Customer: 1535128843 < Casual>
                                                   Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1567581361 < Casual>
                                Price: 4.682373
                                                   Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1567581361 < Casual >
                                Price: 4.752028
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 849460928 < Casual >
                                #Exec: selected roll is sold out!
Customer: 580024961 <Catering>
                                  #Exec: selected roll is sold out!
Customer: 580024961 <Catering>
                                 Price: 5.555000 Description: JellyRoll <extra Filling>
Customer: 580024961 <Catering>
                                 Price: 5.638325
                                                    Description: JellyRoll <extra Filling> <extra Topping>
Customer: 580024961 <Catering>
                                 Price: 5.983435
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 580024961 <Catering>
                                 Price: 5.895154
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 580024961 <Catering>
                                  Price: 5.837358
                                                    Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 580024961 <Catering>
                                 Price: 5.385631
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 580024961 <Catering>
                                 Price: 5.359230
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 580024961 <Catering>
                                  Price: 5.439487
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 580024961 <Catering>
                                 Price: 5.202636
                                                    Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 580024961 <Catering>
                                 Price: 5.050000
                                                    Description: EggRoll <extra Filling>
Customer: 580024961 <Catering>
                                  Price: 6.181200
                                                    Description: PastryRoll <extra Sauce> <extra Filling>
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 580024961 <Catering>
                                  Price: 6.399396
Customer: 580024961 <Catering>
                                  Price: 6.336036
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 580024961 <Catering>
                                  Price: 4.752028
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 580024961 <Catering>
                                  Price: 4.871541
                                                    Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                #Exec: selected roll is sold out!
Customer: 2027961269 <Casual>
Customer: 1586270964 < Casual >
                                #Exec: selected roll is sold out!
```

Customer: 1642360923 <Catering>

#Exec: selected roll is sold out!

```
Customer: 1642360923 <Catering>
                                                   #Exec: selected roll is sold out!
 Customer: 1642360923 <Catering>
                                                   #Exec: selected roll is sold out!
 Customer: 1642360923 <Catering>
                                                   Price: 4.847068 Description: SausageRoll <extra Sauce> <ex
 Customer: 1642360923 <Catering>
                                                   Price: 4.590000
                                                                              Description: SausageRoll <extra Sauce>
 Customer: 1642360923 <Catering>
                                                   Price: 4.776020
                                                                              Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1642360923 <Catering>
                                                   Price: 4.681800
                                                                              Description: SausageRoll <extra Sauce> <extra Sauce>
                                                   Price: 4.728733
                                                                              Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1642360923 <Catering>
 Customer: 1642360923 < Catering>
                                                   Price: 5.638325
                                                                              Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 1642360923 <Catering>
                                                   Price: 5.500000
                                                                              Description: JellyRoll
 Customer: 1642360923 <Catering>
                                                   Price: 5.779562
                                                                              Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1642360923 <Catering>
                                                   Price: 5.866113
                                                                              Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1642360923 <Catering>
                                                   Price: 5.666100
                                                                              Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 1642360923 <Catering>
                                                   Price: 5.332830
                                                                              Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                                #Exec: selected roll is sold out!
 Customer: 1343441044 < Casual >
 ----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 21
Product: EggRoll Total sell: 20
Product: PastryRoll Total sell: 17
Product: SpringRoll Total sell: 3
Product: SausageRoll Total sell: 15
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 50.556053
Customer: Catering Total bill: 227.325226
Customer: Business Total bill: 143.844482
Total payment: 421.725769
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 4
Customer: Catering Outage: 5
Customer: Business Outage: 2
Total outage: 11
Egg Roll: 0
Jelly Roll: 9
Pastry Roll: 0
Spring Roll: 0
Sausage Roll: 15
--Food Store at <220 Summit Blvd> on <Day 27>--
***************************** Day Begin Inventory ************************
Egg
           Roll: 30
Jelly Roll: 9
Pastry Roll: 30
Spring Roll: 30
Sausage Roll: 15
 ***************************** Day Begin Inventory ******************
 Customer: 693632176 < Casual >
                                               Price: 6.527384 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 326549596 <Catering>
                                                  Price: 5.401998
                                                                            Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 326549596 <Catering>
                                                  Price: 5.348512
                                                                            Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 326549596 <Catering>
                                                  Price: 5.039900
                                                                            Description: SpringRoll <extra Filling>
                                                  Price: 5.192231
 Customer: 326549596 <Catering>
                                                                            Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 326549596 <Catering>
                                                  Price: 5.089800
                                                                            Description: SpringRoll <extra Sauce>
 Customer: 326549596 <Catering>
                                                  Price: 5.666100
                                                                            Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 326549596 <Catering>
                                                  Price: 5.895154
                                                                            Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 326549596 <Catering>
                                                  Price: 5.722200
                                                                            Description: JellyRoll <extra Sauce> <extra Sauce>
 Customer: 326549596 <Catering>
                                                  Price: 5.808033
                                                                            Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                                  Price: 5.983435
 Customer: 326549596 <Catering>
 Customer: 326549596 <Catering>
                                                  Price: 4.500000
                                                                            Description: SausageRoll
 Customer: 326549596 <Catering>
                                                  Price: 4.590000
                                                                            Description: SausageRoll <extra Sauce>
 Customer: 326549596 <Catering>
                                                  Price: 4.567500
                                                                             Description: SausageRoll <extra Topping>
 Customer: 326549596 <Catering>
                                                  Price: 4.613175
                                                                            Description: SausageRoll <extra Filling> <extra Topping>
                                                  Price: 4.847068
 Customer: 326549596 <Catering>
                                                                            Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1364335809 < Casual >
                                                 Price: 5.374859
                                                                           Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 458209687 < Casual >
                                               Price: 6.399396
                                                                         Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
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Customer: 458209687 <Casual>
                               Price: 6.336036
                                                Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 458209687 <Casual>
                               Price: 6.211800
                                                Description: PastryRoll <extra Sauce> <extra Topping>
 Customer: 233530418 <Casual>
                               Price: 6.559698
                                                Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 683287027 < Casual>
                               Price: 4.823191
                                                Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1766822961 < Casual>
                                Price: 5.836644
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 254413710 < Casual >
                               Price: 5.243512
                                                Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1496724653 <Casual>
                                Price: 5.954105
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 553264065 <Business>
                                 Price: 5.202000
                                                  Description: EggRoll <extra Sauce> <extra Sauce>
                                 Price: 5.125750
                                                  Description: EggRoll <extra Filling> <extra Topping>
 Customer: 553264065 <Business>
 Customer: 553264065 <Business>
                                 Price: 5.582500
                                                  Description: JellyRoll <extra Topping>
 Customer: 553264065 <Business>
                                 Price: 5.983435
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                                  Description: PastryRoll <extra Filling>
 Customer: 553264065 <Business>
                                 Price: 6.060000
 Customer: 553264065 <Business>
                                 Price: 6.431076
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 4.799547
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 553264065 <Business>
                                                  Description: SausageRoll <extra Sauce>
 Customer: 553264065 <Business>
                                 Price: 4.590000
 Customer: 553264065 <Business>
                                 Price: 5.191596
                                                  Description: SpringRoll <extra Sauce> <extra Sauce>
 Customer: 553264065 <Business>
                                Price: 5.455482
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 897697267 <Business>
                                 Price: 5.254148
                                                  Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 897697267 <Business>
                                 Price: 5.254020
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 897697267 <Business>
                                 Price: 6.527384
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 897697267 <Business>
                                 Price: 6.559698
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 897697267 <Business>
                                 Price: 4.847068
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 897697267 <Business>
                                Price: 4.919774
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 897697267 <Business>
                                Price: 5,192231
                                                  Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 897697267 <Business>
                                Price: 5.428608
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 9
Product: EggRoll Total sell: 4
Product: PastryRoll Total sell: 9
Product: SpringRoll Total sell: 11
Product: SausageRoll Total sell: 10
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 59.266621
Customer: Catering Total bill: 78.265106
Customer: Business Total bill: 98.404312
Total payment: 235.936035
----> Orders impacted by a roll outage by customer type <----
Customer: Business Outage: 1
Total outage: 1
Eaa Roll: 26
Jelly Roll: 0
Pastry Roll: 21
Spring Roll: 19
Sausage Roll: 5
-Food Store at <220 Summit Blvd> on <Day 28>-
Roll: 26
Jelly Roll: 30
Pastry Roll: 21
Spring Roll: 19
Sausage Roll: 5
************************************* Day Begin Inventory *********************
 Customer: 1789447862 < Casual >
                                Price: 6.304824
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
                                Price: 6.090000
 Customer: 1789447862 <Casual>
                                                 Description: PastryRoll <extra Topping>
 Customer: 38997010 <Business>
                                Price: 5.306040
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 38997010 <Business>
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                Price: 5.385631
 Customer: 38997010 <Business>
                                                 Description: JellyRoll <extra Filling> <extra Topping>
                                Price: 5.638325
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Customer: 38997010 <Business>
                                 Price: 5.555000
                                                    Description: JellyRoll <extra Filling>
Customer: 38997010 <Business>
                                 Price: 6.368027
                                                    Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 38997010 <Business>
                                 Price: 6.273918
                                                    Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 38997010 <Business>
                                 Price: 4.635900
                                                    Description: SausageRoll <extra Sauce> <extra Filling>
Customer: 38997010 <Business>
                                 Price: 4.895538
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 38997010 <Business>
                                 Price: 5.089800
                                                    Description: SpringRoll <extra Sauce>
Customer: 38997010 <Business>
                                 Price: 5.428608
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1942406066 < Casual>
                                 Price: 5.555000
                                                    Description: JellyRoll <extra Filling>
Customer: 1942406066 < Casual >
                                 Price: 6.013056
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1942406066 < Casual >
                                 Price: 6.013056
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1213415012 <Casual>
                                 Price: 6.431076
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1213415012 <Casual>
                                 Price: 6.367248
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 1688376486 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 1688376486 <Catering>
                                   Price: 4.728733
                                                      Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
                                                      Description: SausageRoll <extra Sauce>
Customer: 1688376486 <Catering>
                                   Price: 4.590000
Customer: 1688376486 <Catering>
                                   Price: 4.658850
                                                      Description: SausageRoll <extra Sauce> <extra Topping>
                                   Price: 5.359100
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> Description: EggRoll <extra Filling> <extra Topping>
Customer: 1688376486 <Catering>
                                   Price: 5.125750
Customer: 1688376486 <Catering>
                                   Price: 5.254020
Customer: 1688376486 <Catering>
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1688376486 <Catering>
                                   Price: 5.151000
                                                      Description: EggRoll <extra Sauce> <extra Filling>
Customer: 1688376486 <Catering>
                                   Price: 5.439487
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1688376486 <Catering>
                                   Price: 5.954105
                                                      Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                      Description: JellyRoll <extra Sauce>
Description: JellyRoll <extra Filling>
Customer: 1688376486 <Catering>
                                   Price: 5.610000
                                   Price: 5.555000
Customer: 1688376486 <Catering>
                                                      Description: JellyRoll <extra Filling> <extra Topping>
                                   Price: 5.638325
Customer: 1688376486 <Catering>
Customer: 1688376486 <Catering>
                                   Price: 6.073187
                                                      Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1688376486 <Catering>
                                   Price: 5.455482
                                   Price: 5.140698
Customer: 1688376486 <Catering>
                                                      Description: SpringRoll <extra Sauce> <extra Filling>
Customer: 2114664380 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 2114664380 <Catering>
                                   Price: 5.521079
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 2114664380 <Catering>
                                   Price: 5.228265
                                                      Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 2114664380 <Catering>
                                   Price: 5.439487
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 2114664380 <Catering>
                                   Price: 5.332830
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 2114664380 <Catering>
                                   Price: 5.050000
                                                      Description: EggRoll <extra Filling>
Customer: 2114664380 <Catering>
                                   Price: 5.296075
                                                      Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 2114664380 <Catering>
                                   Price: 5.295428
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 2114664380 < Catering>
                                   Price: 5.348382
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                   Price: 5.166147
                                                      Description: SpringRoll <extra Sauce> <extra Topping>
Customer: 2114664380 <Catering>
Customer: 2114664380 <Catering>
                                   Price: 5.217808
                                                      Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 2114664380 <Catering>
                                   Price: 5.500000
                                                      Description: JellyRoll
Customer: 2114664380 <Catering>
                                   Price: 6.013056
                                                      Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 2114664380 <Catering>
                                   Price: 5.779562
                                                      Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
                                                      Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 2114664380 <Catering>
                                   Price: 5.983435
                                   Price: 5.722200
                                                      Description: JellyRoll <extra Sauce> <extra Sauce>
Customer: 2114664380 <Catering>
Customer: 999661724 <Casual>
                                Price: 5.050000
                                                   Description: EggRoll <extra Filling>
Customer: 999661724 <Casual>
                                Price: 5.412822
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 999661724 <Casual>
                                Price: 5.306040
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 1793329556 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 1793329556 <Catering>
                                   Price: 5.151125
                                                      Description: EggRoll <extra Topping> <extra Topping>
Customer: 1793329556 <Catering>
                                   Price: 5.306040
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 1793329556 <Catering>
                                   Price: 5.306689
                                                      Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1793329556 <Catering>
                                   Price: 5.306689
                                                      Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1793329556 <Catering>
                                   Price: 5.151000
                                                      Description: EggRoll <extra Sauce> <extra Filling>
Customer: 1793329556 <Catering>
                                   Price: 6.399396
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1793329556 <Catering>
                                   Price: 6.181350
                                                      Description: PastryRoll <extra Topping> <extra Topping> Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1793329556 <Catering>
                                   Price: 6.495388
Customer: 1793329556 <Catering>
                                   Price: 6.120000
                                                      Description: PastryRoll <extra Sauce>
Customer: 1793329556 <Catering>
                                   Price: 6.211800
                                                      Description: PastryRoll <extra Sauce> <extra Topping>
Customer: 1793329556 <Catering>
                                   Price: 5.191596
                                                      Description: SpringRoll <extra Sauce> <extra Sauce>
Customer: 1793329556 <Catering>
                                   Price: 5.510037
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1793329556 <Catering>
                                   Price: 5.166147
                                                      Description: SpringRoll <extra Sauce> <extra Topping>
Customer: 1793329556 <Catering>
                                   Price: 5.140822
                                                      Description: SpringRoll <extra Topping> <extra Topping>
Customer: 1793329556 <Catering>
                                   Price: 5.064850
                                                      Description: SpringRoll <extra Topping>
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Customer: 1031980531 < Casual>
                                Price: 6.527384
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1031980531 < Casual>
                                Price: 6.273918
                                                 Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 721748895 <Casual>
                               Price: 6.304824
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 721748895 <Casual>
                               Price: 6.430920
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 721748895 <Casual>
                               Price: 6.625295
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                Price: 6.399396
 Customer: 1642534850 < Casual>
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1724731843 <Business>
                                  Price: 5.100000
                                                   Description: EggRoll <extra Sauce>
 Customer: 1724731843 <Business>
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                  Price: 5.439487
 Customer: 1724731843 <Business>
                                  Price: 5.555000
                                                   Description: JellyRoll <extra Filling>
 Customer: 1724731843 <Business>
                                  Price: 5.837358
                                                   Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 6.090000
 Customer: 1724731843 <Business>
                                                   Description: PastryRoll <extra Topping>
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1724731843 <Business>
                                  Price: 6.527384
 Customer: 1724731843 <Business>
                                  Price: 5.243639
                                                   Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1724731843 <Business>
                                  Price: 5.348512
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1305193908 < Casual>
                                Price: 5.064850
                                                 Description: SpringRoll <extra Topping>
 Customer: 1313953385 < Casual>
                                Price: 5.722200
                                                 Description: JellyRoll <extra Sauce> <extra Sauce>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 18
Product: EggRoll Total sell: 22
Product: PastryRoll Total sell: 19
Product: SpringRoll Total sell: 17
Product: SausageRoll Total sell: 5
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 107.891914
Customer: Catering Total bill: 245.330429
Customer: Business Total bill: 99.718163
Total payment: 452.940521
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 1
Customer: Catering Outage: 3
Customer: Business Outage: 1
Total outage: 5
Roll: 4
Jelly Roll: 12
Pastry Roll: 2
Spring Roll: 2
Sausage Roll: 0
--Food Store at <220 Summit Blvd> on <Day 29>--
Egg
     Roll: 4
Jelly Roll: 12
Pastry Roll: 2
Spring Roll: 2
Sausage Roll: 30
***************************** Day Begin Inventory **********************
 Customer: 399573350 <Casual>
                               Price: 6.242400
                                               Description: PastryRoll <extra Sauce> <extra Sauce>
 Customer: 463345942 <Catering>
                                 #Exec: selected roll is sold out!
 Customer: 463345942 <Catering>
                                 Price: 5.610000
                                                  Description: JellyRoll <extra Sauce>
                                 Price: 5.837358
                                                  Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 463345942 <Catering>
 Customer: 463345942 <Catering>
                                 Price: 5.924193
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 463345942 <Catering>
                                 Price: 5.638325
                                                  Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 463345942 <Catering>
                                 Price: 5.895010
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                 Price: 6.090000
 Customer: 463345942 <Catering>
                                                  Description: PastryRoll <extra Topping>
                                 Price: 4.895538
 Customer: 463345942 <Catering>
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                 Price: 4.776020
                                                  Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 463345942 <Catering>
 Customer: 463345942 <Catering>
                                 Price: 4.682373
                                                   Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 463345942 <Catering>
                                 Price: 4.847068
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 463345942 <Catering>
                                 Price: 4.895538
```

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Price: 5.385631
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 463345942 <Catering>
 Customer: 463345942 <Catering>
                                  Price: 5.385631
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                  Price: 5.176500
                                                    Description: EggRoll <extra Sauce> <extra Topping>
 Customer: 463345942 <Catering>
 Customer: 463345942 <Catering>
                                  Price: 5.075000
                                                    Description: EggRoll <extra Topping>
 Customer: 195600860 < Casual>
                                Price: 5.582500
                                                  Description: JellyRoll <extra Topping>
 Customer: 195600860 < Casual >
                                Price: 5.924193
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 195600860 < Casual>
                                Price: 6.073187
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1334729950 <Business>
                                   Price: 5.779422
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1334729950 <Business>
                                   Price: 5.954105
                                                    Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1334729950 <Business>
                                   Price: 4.681800
                                                    Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 1334729950 <Business>
                                   Price: 4.681800
                                                    Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 1334729950 <Business>
                                   Price: 5.428608
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                                    Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1334729950 <Business>
                                   Price: 5.217808
 Customer: 1347137144 < Casual >
                                 #Exec: selected roll is sold out!
 Customer: 997608398 < Casual>
                                #Exec: selected roll is sold out!
 Customer: 1973336893 < Casual>
                                 #Exec: selected roll is sold out!
 Customer: 1212899836 < Casual >
                                 Price: 4.636013 Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 1174290147 < Casual>
                                 #Exec: selected roll is sold out!
 Customer: 1289696681 < Casual>
                                 #Exec: selected roll is sold out!
 Customer: 1285044316 < Casual>
                                 #Exec: selected roll is sold out!
                                 Price: 5.836644 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1285044316 < Casual >
 Customer: 1285044316 < Casual >
                                 Price: 5.638325
                                                Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 1607460018 < Casual>
                                 #Exec: selected roll is sold out!
 Customer: 1811075214 < Casual >
                                 #Exec: selected roll is sold out!
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 12
Product: EggRoll Total sell: 4
Product: PastryRoll Total sell: 2
Product: SpringRoll Total sell: 2
Product: SausageRoll Total sell: 8
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 39.933262
Customer: Catering Total bill: 80.114182
Customer: Business Total bill: 31.743544
Total payment: 151.790985
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 8
Customer: Catering Outage: 1
Customer: Business Outage: 2
Total outage: 11
****************************** Day End Inventory ********************
Egg Roll: 0
Jelly Roll: 0
Pastry Roll: 0
Spring Roll: 0
Sausage Roll: 22
--Food Store at <220 Summit Blvd> on <Day 30>--
Roll: 30
Egg
Jelly Roll: 30
Pastry Roll: 30
Spring Roll: 30
Sausage Roll: 22
********************************** Day Begin Inventory ************************
 Customer: 1588970020 <Business> Price: 5.151125 Description: EggRoll <extra Topping> <extra Topping>
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Customer: 1588970020 <Business>
                                   Price: 5.000000
                                                     Description: EggRoll
Customer: 1588970020 <Business>
                                   Price: 5.954105
                                                     Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1588970020 <Business>
                                   Price: 5.779422
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
                                   Price: 6.000000
Customer: 1588970020 <Business>
                                                     Description: PastryRoll
Customer: 1588970020 <Business>
                                   Price: 6.060000
                                                     Description: PastryRoll <extra Filling>
Customer: 1588970020 <Business>
                                   Price: 4.847068
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1588970020 <Business>
                                   Price: 4.681800
                                                     Description: SausageRoll <extra Sauce> <extra Sauce>
                                   Price: 5.401998
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1588970020 <Business>
Customer: 1588970020 <Business>
                                  Price: 5.140822
                                                     Description: SpringRoll <extra Topping> <extra Topping>
Customer: 1407343478 <Business>
                                   Price: 5.412822
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                   Price: 5.000000
Customer: 1407343478 <Business>
                                                     Description: EggRoll
Customer: 1407343478 <Business>
                                   Price: 5.722200
                                                     Description: JellyRoll <extra Sauce> <extra Sauce>
Customer: 1407343478 <Business>
                                   Price: 5.666237
                                                     Description: JellyRoll <extra Topping> <extra Topping>
Customer: 1407343478 <Business>
                                   Price: 6.120000
                                                     Description: PastryRoll <extra Sauce>
                                   Price: 6.090000
                                                     Description: PastryRoll <extra Topping>
Customer: 1407343478 <Business>
Customer: 1407343478 <Business>
                                   Price: 4.919774
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                                     Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1407343478 <Business>
                                  Price: 4.682373
Customer: 1407343478 <Business>
                                  Price: 5.192231
                                                     Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.348512
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1407343478 <Business>
Customer: 1940447180 < Casual>
                                 Price: 5.555000
                                                   Description: JellyRoll <extra Filling>
Customer: 1940447180 < Casual >
                                 Price: 5.722899
                                                   Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1940447180 < Casual >
                                Price: 5.666237
                                                   Description: JellyRoll <extra Topping> <extra Topping>
Customer: 245565335 <Casual>
                                Price: 4.635900
                                                  Description: SausageRoll <extra Sauce> <extra Filling>
Customer: 2121744517 < Casual>
                                 Price: 6.462756
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 2121744517 < Casual>
                                Price: 6.367248
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                 Price: 5.924193
Customer: 1066376662 < Casual >
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 183264084 < Casual >
                                Price: 5.924193
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 183264084 < Casual >
                                Price: 5.555000
                                                  Description: JellyRoll <extra Filling>
                                Price: 5.666237
                                                  Description: JellyRoll <extra Topping> <extra Topping>
Customer: 183264084 <Casual>
Customer: 476402209 <Casual>
                                Price: 4.636013
                                                  Description: SausageRoll <extra Topping> <extra Topping>
Customer: 1490180672 <Casual>
                                Price: 5.895154
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                Price: 5.808033
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1490180672 < Casual >
                                  Price: 5.359100
Customer: 460332449 <Catering>
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
                                  Price: 5.521079
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 460332449 <Catering>
Customer: 460332449 <Catering>
                                                    Description: EggRoll <extra Topping>
                                  Price: 5.075000
Customer: 460332449 <Catering>
                                  Price: 5.151125
                                                    Description: EggRoll <extra Topping> <extra Topping>
Customer: 460332449 <Catering>
                                  Price: 5.332830
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 460332449 <Catering>
                                  Price: 5.401998
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.348382
Customer: 460332449 <Catering>
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 460332449 <Catering>
                                  Price: 5.322165
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                  Price: 5.374859
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 460332449 <Catering>
Customer: 460332449 <Catering>
                                  Price: 5.269470
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 460332449 <Catering>
                                  Price: 4.776020
                                                    Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 460332449 <Catering>
                                  Price: 4.871541
Customer: 460332449 <Catering>
                                  Price: 4.968971
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 460332449 <Catering>
                                  Price: 4.682373
                                                    Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
                                  Price: 4.919774
Customer: 460332449 <Catering>
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1919892312 <Casual>
                                 Price: 6.013056
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1919892312 <Casual>
                                Price: 5.924193
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1143839598 <Business>
                                   Price: 5.306040
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 1143839598 <Business>
                                   Price: 5.306689
                                                     Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1143839598 <Business>
                                   Price: 5.751091
                                                     Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 1143839598 <Business>
                                   Price: 5.555000
                                                     Description: JellyRoll <extra Filling>
Customer: 1143839598 <Business>
                                   Price: 6.181200
                                                     Description: PastryRoll <extra Sauce> <extra Filling>
Customer: 1143839598 <Business>
                                   Price: 6.242400
                                                     Description: PastryRoll <extra Sauce> <extra Sauce>
                                   Price: 4.799547
Customer: 1143839598 <Business>
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1143839598 <Business>
                                                     Description: SausageRoll <extra Filling> <extra Topping>
                                   Price: 4.613175
Customer: 1143839598 <Business>
                                   Price: 5.064850
                                                     Description: SpringRoll <extra Topping>
Customer: 1143839598 <Business>
                                   Price: 5.140698
                                                     Description: SpringRoll <extra Sauce> <extra Filling>
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Customer: 250075633 <Casual>
                                   Price: 5.582500
                                                       Description: JellyRoll <extra Topping>
 Customer: 250075633 <Casual>
                                   Price: 5.836644
                                                       Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 250075633 <Casual>
                                   Price: 5.983435
                                                       Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 358699161 < Casual >
                                   Price: 4.545000
                                                       Description: SausageRoll <extra Filling>
                                                       Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 358699161 < Casual >
                                   Price: 4.752028
 Customer: 358699161 <Casual>
                                   Price: 4,682373
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 20
Product: EggRoll Total sell: 11
Product: PastryRoll Total sell: 8
Product: SpringRoll Total sell: 11
Product: SausageRoll Total sell: 16
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 117.138092
Customer: Catering Total bill: 77.374687
Customer: Business Total bill: 162.131180
Total payment: 356.643982
Egg Roll: 19
Jelly Roll: 10
Pastry Roll: 22
Spring Roll: 19
Sausage Roll: 6
--- Summary for last 30 Days ---
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 290
Product: EggRoll Total sell: 311
Product: PastryRoll Total sell: 308
Product: SpringRoll Total sell: 281
Product: SausageRoll Total sell: 294
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 1658.385376
Customer: Catering Total bill: 4205.164063
Customer: Business Total bill: 2259.200684
Total payment: 8122.750000
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 52
Customer: Catering Outage: 47
Customer: Business Outage: 44
Total outage: 143
```