```
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 ***********************
Egg Roll: 30
Jelly Roll: 30
Pastry Roll: 30
Spring Roll: 30
Sausage Roll: 30
****************************** Day Begin Inventory **********************
 Customer: 468121027 <Catering>
                                  Price: 4.776020
                                                     Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 468121027 < Catering>
                                  Price: 4.919774
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 468121027 <Catering>
                                  Price: 4.682373
                                                     Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 468121027 <Catering>
                                  Price: 4.895538
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 468121027 < Catering>
                                  Price: 4.823191
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 468121027 <Catering>
                                  Price: 5.412822
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5,254020
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 468121027 <Catering>
 Customer: 468121027 < Catering>
                                  Price: 5,254148
                                                     Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 468121027 <Catering>
                                  Price: 5.254020
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 468121027 <Catering>
                                  Price: 5.050000
                                                     Description: EagRoll <extra Filling>
 Customer: 468121027 < Catering>
                                  Price: 6.273918
                                                     Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 468121027 <Catering>
                                                     Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 6.368027
                                  Price: 6.430920
 Customer: 468121027 <Catering>
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 468121027 <Catering>
                                  Price: 6.273918
                                                     Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 468121027 < Catering>
                                  Price: 6.336036
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1927950199 <Casual>
                                  Price: 4.658850
                                                    Description: SausageRoll <extra Sauce> <extra Topping>
 Customer: 1927950199 < Casual>
                                 Price: 4.847068
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1927950199 <Casual>
                                 Price: 4.775436
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 868693306 < Casual >
                                 Price: 5.610000
                                                   Description: JellvRoll <extra Sauce>
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1746572565 <Casual>
                                 Price: 5.954105
 Customer: 1746572565 < Casual>
                                 Price: 5.924193
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1746572565 < Casual>
                                 Price: 5.751091
                                                    Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 989110044 < Catering>
                                  Price: 5.348512
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 989110044 < Catering>
                                  Price: 5.192231
                                                     Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 989110044 <Catering>
                                  Price: 5.243639
                                                     Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 989110044 <Catering>
                                  Price: 5.455482
 Customer: 989110044 <Catering>
                                  Price: 5,428608
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 989110044 <Catering>
                                  Price: 4.590000
                                                     Description: SausageRoll <extra Sauce>
 Customer: 989110044 <Catering>
                                  Price: 4.613175
                                                     Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 989110044 <Catering>
                                  Price: 4.968971
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 989110044 <Catering>
                                  Price: 4.823191
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 989110044 <Catering>
                                  Price: 4.895538
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 989110044 <Catering>
                                  Price: 5.332830
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                  Price: 5.521079
 Customer: 989110044 < Catering>
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 989110044 < Catering>
                                  Price: 5.385631
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 989110044 <Catering>
                                  Price: 5.151125
                                                     Description: EggRoll <extra Topping> <extra Topping>
```

test customer factory...ok

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Customer: 989110044 < Catering>
                                Price: 5.202636 Description: EqqRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 424058530 < Casual>
                               Price: 5.359230
                                                Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 424058530 < Casual >
                               Price: 5.306040
                                                Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 424058530 <Casual>
                               Price: 5.359230
                                                Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 321001045 <Business>
                                Price: 5.439487
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 321001045 <Business>
                                Price: 5.332830
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 321001045 <Business>
                                Price: 5.555000
                                                  Description: JellyRoll <extra Filling>
 Customer: 321001045 <Business>
                                Price: 5.722899
                                                  Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
                                                  Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 321001045 <Business>
                                Price: 6.181200
 Customer: 321001045 <Business>
                                Price: 6.181350
                                                  Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 321001045 <Business>
                                Price: 4.500000
                                                  Description: SausageRoll
 Customer: 321001045 <Business>
                                Price: 4.895538
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 321001045 <Business>
                                Price: 5.296075
                                                  Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 321001045 <Business>
                                Price: 5.140698
                                                  Description: SpringRoll <extra Sauce> <extra Filling>
 Customer: 791452441 <Catering>
                                Price: 5.500000
                                                  Description: JellyRoll
 Customer: 791452441 <Catering>
                                Price: 5.895154
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 791452441 <Catering>
                                Price: 5.954105
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 791452441 <Catering>
                                Price: 5.924193
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 791452441 <Catering>
                                Price: 5.722899
                                                  Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 791452441 <Catering>
                                Price: 6.242400
                                                  Description: PastryRoll <extra Sauce> <extra Sauce>
 Customer: 791452441 <Catering>
                                Price: 6.181350
                                                  Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 791452441 <Catering>
                                Price: 6.243164
                                                  Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 791452441 <Catering>
                                Price: 6.242400
                                                  Description: PastryRoll <extra Sauce> <extra Sauce>
 Customer: 791452441 <Catering>
                                Price: 6.000000
                                                  Description: PastryRoll
 Customer: 791452441 <Catering>
                                Price: 5.064850
                                                  Description: SpringRoll <extra Topping>
 Customer: 791452441 <Catering>
                                Price: 5.064850
                                                  Description: SpringRoll <extra Topping>
 Customer: 791452441 <Catering>
                                Price: 5.166147
                                                  Description: SpringRoll <extra Sauce> <extra Topping>
 Customer: 791452441 <Catering>
                                Price: 5.401998
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 791452441 <Catering>
                                Price: 5.295428
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 11
Product: EggRoll Total sell: 15
Product: PastryRoll Total sell: 12
Product: SpringRoll Total sell: 12
Product: SausageRoll Total sell: 15
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 53.545242
Customer: Catering Total bill: 245.056290
Customer: Business Total bill: 54.245075
Total payment: 352.846619
Egg Roll: 15
Jelly Roll: 19
Pastry Roll: 18
Spring Roll: 18
Sausage Roll: 15
--Food Store at <220 Summit Blvd> on <Day 02>-
Egg Roll: 15
Jelly Roll: 19
Pastry Roll: 18
Spring Roll: 18
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Sausage Roll: 15

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****************************** Day Begin Inventory **********************
Customer: 834600351 <Business>
                                  Price: 5.254148
                                                    Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 5.306040
Customer: 834600351 <Business>
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 834600351 <Business>
                                  Price: 5.666100
                                                    Description: JellyRoll <extra Sauce> <extra Filling>
Customer: 834600351 <Business>
                                 Price: 5.808033
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 834600351 <Business>
                                                    Description: PastryRoll <extra Sauce> <extra Filling>
                                 Price: 6.181200
Customer: 834600351 <Business>
                                 Price: 6.625295
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 834600351 <Business>
                                 Price: 4.799547
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 834600351 <Business>
                                 Price: 4.871541
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 834600351 <Business>
                                 Price: 5.455482
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 834600351 <Business>
                                 Price: 5.192231
                                                    Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 471910020 < Casual >
                                Price: 6.273918
                                                  Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 471910020 <Casual>
                                Price: 6.462756
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 531885035 < Casual >
                                Price: 5.751091
                                                  Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 531885035 < Casual >
                                Price: 5.779562
                                                  Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1418481495 < Casual>
                                 Price: 6.559698
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 303563356 <Business>
                                  Price: 5.466415
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 303563356 <Business>
                                  Price: 5.521079
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 303563356 <Business>
                                  Price: 5.895010
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                  Price: 5.983435
Customer: 303563356 <Business>
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 303563356 <Business>
                                  Price: 6.527384
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 303563356 <Business>
                                 Price: 6.462756
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 303563356 <Business>
                                 Price: 4.823308
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 303563356 <Business>
                                  Price: 4.799547
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 303563356 <Business>
                                  Price: 5.374859
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 303563356 <Business>
                                                    Description: SpringRoll <extra Sauce> <extra Filling>
                                 Price: 5.140698
Customer: 135721597 < Casual >
                                Price: 4.799547
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 135721597 < Casual>
                                Price: 4.635900
                                                  Description: SausageRoll <extra Sauce> <extra Filling>
Customer: 142257191 <Casual>
                                Price: 6.060000
                                                  Description: PastryRoll <extra Filling>
                                Price: 6.304977
Customer: 142257191 <Casual>
                                                  Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1044036744 < Casual >
                                 Price: 6.120000
                                                   Description: PastrvRoll <extra Sauce>
Customer: 1826771953 <Casual>
                                 Price: 5.295428
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 1826771953 <Casual>
                                 Price: 5.322165
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                                   Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1406718218 < Casual>
                                 Price: 5.306689
Customer: 1406718218 < Casual>
                                 Price: 5.412822
                                                   Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1406718218 < Casual>
                                 Price: 5.359230
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 245257410 < Casual >
                                Price: 4.567500
                                                  Description: SausageRoll <extra Topping>
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 245257410 <Casual>
                                Price: 4.919774
Customer: 245257410 <Casual>
                                Price: 4.895538
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1705736037 <Catering>
                                   Price: 5.500000
                                                     Description: JellvRoll
Customer: 1705736037 <Catering>
                                   Price: 5.924193
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1705736037 <Catering>
                                   Price: 5.500000
                                                     Description: JellyRoll
                                   Price: 5.694150
Customer: 1705736037 <Catering>
                                                     Description: JellyRoll <extra Sauce> <extra Topping>
Customer: 1705736037 <Catering>
                                   Price: 5.666237
                                                     Description: JellyRoll <extra Topping> <extra Topping>
Customer: 1705736037 <Catering>
                                   Price: 5.089800
                                                     Description: SpringRoll <extra Sauce>
Customer: 1705736037 <Catering>
                                   Price: 5.348512
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1705736037 <Catering>
                                   Price: 5.140822
                                                     Description: SpringRoll <extra Topping> <extra Topping>
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Customer: 1705736037 <Catering>
                                  Price: 5.140698
                                                    Description: SpringRoll <extra Sauce> <extra Filling>
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1705736037 <Catering>
                                  Price: 5.269470
 Customer: 1705736037 <Catering>
                                  Price: 5.359100
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                  Price: 5.202000
                                                    Description: EggRoll <extra Sauce> <extra Sauce>
 Customer: 1705736037 <Catering>
                                                    Description: EggRoll <extra Topping> <extra Topping>
                                  Price: 5.151125
 Customer: 1705736037 <Catering>
 Customer: 1705736037 <Catering>
                                  Price: 5.075000
                                                    Description: EggRoll <extra Topping>
                                                    Description: EggRoll <extra Filling>
 Customer: 1705736037 <Catering>
                                  Price: 5.050000
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 11
Product: EggRoll Total sell: 12
Product: PastryRoll Total sell: 10
Product: SpringRoll Total sell: 11
Product: SausageRoll Total sell: 9
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 99.826591
Customer: Catering Total bill: 80.111107
Customer: Business Total bill: 111.154114
Total payment: 291.091797
Egg Roll: 3
Jelly Roll: 8
Pastry Roll: 8
Spring Roll: 7
Sausage Roll: 6
---Food Store at <220 Summit Blvd> on <Dav 03>-
Egg Roll: 3
Jelly Roll: 8
Pastry Roll: 8
Spring Roll: 7
Sausage Roll: 6
***************************** Day Begin Inventory **********************
 Customer: 455659002 <Business>
                                 Price: 5.359230
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 5.412822
 Customer: 455659002 <Business>
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 455659002 <Business>
                                                   Description: JellyRoll <extra Filling> <extra Topping>
                                 Price: 5.638325
 Customer: 455659002 <Business>
                                 Price: 5.954105
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 455659002 <Business>
                                 Price: 6.060000
                                                   Description: PastryRoll <extra Filling>
 Customer: 455659002 <Business>
                                 Price: 6.090000
                                                   Description: PastryRoll <extra Topping>
 Customer: 455659002 <Business>
                                 Price: 4.728733
                                                   Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 455659002 <Business>
                                 Price: 4.728733
                                                   Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 455659002 <Business>
                                 Price: 5.374859
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 455659002 <Business>
                                 Price: 5.401998
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 250421012 <Casual>
                                Price: 5.722899
                                                 Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1915318863 < Casual>
                                                  Description: SausageRoll <extra Filling> <extra Topping>
                                 Price: 4.613175
 Customer: 1915318863 < Casual>
                                Price: 4.590000
                                                  Description: SausageRoll <extra Sauce>
 Customer: 1283928880 < Casual>
                                Price: 4.752028
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 295530567 <Catering>
                                 #Exec: selected roll is sold out!
 Customer: 295530567 < Catering>
                                  #Exec: selected roll is sold out!
 Customer: 295530567 < Catering>
                                 Price: 4.990000
                                                   Description: SpringRoll
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 295530567 <Catering>
                                 Price: 5.401998
 Customer: 295530567 <Catering>
                                 Price: 5.296075
                                                   Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
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Customer: 295530567 <Catering>
                                Price: 5.217808
                                                  Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 295530567 < Catering>
                                Price: 5.428608
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 295530567 < Catering>
                                Price: 4.567500
                                                  Description: SausageRoll <extra Topping>
 Customer: 295530567 < Catering>
                                Price: 5.808033
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 295530567 <Catering>
                                Price: 5.895154
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 295530567 < Catering>
                                Price: 5.722200
                                                  Description: JellyRoll <extra Sauce> <extra Sauce>
 Customer: 295530567 < Catering>
                                Price: 5.779562
                                                  Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 295530567 < Catering>
                                Price: 5.895010
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 295530567 < Catering>
                                Price: 5.202636
                                                  Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 295530567 < Catering>
                                Price: 6.367248
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 295530567 < Catering >
                                Price: 6.336036
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 295530567 <Catering>
                                Price: 6.527384
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2003749087 <Business>
                                  Price: 6.368027
                                                   Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2003749087 <Business>
                                 Price: 6.000000
                                                   Description: PastrvRoll
 Customer: 1324119927 < Casual>
                                #Exec: selected roll is sold out!
 Customer: 990368553 < Casual >
                               #Exec: selected roll is sold out!
 Customer: 1096979270 <Casual>
                               #Exec: selected roll is sold out!
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 8
Product: EggRoll Total sell: 3
Product: PastryRoll Total sell: 7
Product: SpringRoll Total sell: 7
Product: SausageRoll Total sell: 6
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 19.678102
Customer: Catering Total bill: 84.435249
Customer: Business Total bill: 67.116829
Total payment: 171.230179
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 3
Customer: Catering Outage: 2
Customer: Business Outage: 9
Total outage: 14
Egg Roll: 0
Jelly Roll: 0
Pastry Roll: 1
Spring Roll: 0
Sausage Roll: 0
---Food Store at <220 Summit Blvd> on <Dav 04>--
**************************** Day Begin Inventory ***********************
Eaa Roll: 30
Jelly Roll: 30
Pastry Roll: 1
Spring Roll: 30
Sausage Roll: 30
********************************* Day Begin Inventory *************************
 Customer: 1078694789 <Catering> Price: 4.635900 Description: SausageRoll <extra Sauce> <extra Filling>
                                                  Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1078694789 <Catering>
                                Price: 4.871541
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Description: SausageRoll <extra Sauce>
 Customer: 1078694789 <Catering>
                                  Price: 4.590000
 Customer: 1078694789 <Catering>
                                  Price: 4.728618
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1078694789 <Catering>
                                  Price: 4.968971
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.322165
 Customer: 1078694789 <Catering>
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                  Price: 5.322165
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1078694789 <Catering>
 Customer: 1078694789 <Catering>
                                  Price: 5.140822
                                                   Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 1078694789 <Catering>
                                  Price: 5.322165
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1078694789 <Catering>
                                  Price: 5.296075
                                                   Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1078694789 <Catering>
                                  Price: 5.100000
                                                   Description: EggRoll <extra Sauce>
 Customer: 1078694789 <Catering>
                                  Price: 5.125750
                                                   Description: EggRoll <extra Filling> <extra Topping>
                                  Price: 5.521079
 Customer: 1078694789 <Catering>
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.075000
 Customer: 1078694789 <Catering>
                                                   Description: EggRoll <extra Topping>
 Customer: 1078694789 <Catering>
                                  Price: 5.412822
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1831932724 <Business>
                                  Price: 5.151125
                                                   Description: EggRoll <extra Topping> <extra Topping>
 Customer: 1831932724 <Business>
                                  Price: 5.254148
                                                   Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1831932724 <Business>
                                  Price: 5.555000
                                                   Description: JellyRoll <extra Filling>
 Customer: 1831932724 <Business>
                                  Price: 5.779562
                                                   Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1831932724 <Business>
                                  Price: 4.613175
                                                   Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 1831932724 <Business>
                                  Price: 4.823191
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1831932724 <Business>
                                  Price: 5.089800
                                                   Description: SpringRoll <extra Sauce>
 Customer: 1831932724 <Business>
                                  Price: 5.039900
                                                   Description: SpringRoll <extra Filling>
 Customer: 1747585824 < Casual >
                                Price: 5.466415
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1023892928 < Casual>
                                Price: 6.181350 Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 558638686 < Casual >
                               #Exec: selected roll is sold out!
 Customer: 1149319664 < Casual >
                                #Exec: selected roll is sold out!
 Customer: 2093631819 < Casual >
                                Price: 6.013056 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2093631819 < Casual >
                                Price: 5.610000
                                                Description: JellyRoll <extra Sauce>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 4
Product: EggRoll Total sell: 8
Product: PastryRoll Total sell: 1
Product: SpringRoll Total sell: 7
Product: SausageRoll Total sell: 7
---> Total payment for orders by customer type <----
Customer: Casual Total bill: 23.270823
Customer: Catering Total bill: 76.433067
Customer: Business Total bill: 41.305901
Total payment: 141.009796
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 2
Customer: Business Outage: 1
Total outage: 3
Egg Roll: 22
Jelly Roll: 26
Pastry Roll: 0
Spring Roll: 23
Sausage Roll: 23
```

Customer: 1452126962 <Business>

Price: 4.682373

```
Roll: 22
Jelly Roll: 26
Pastry Roll: 30
Spring Roll: 23
Sausage Roll: 23
***************************** Day Begin Inventory ******************
 Customer: 2074407503 < Casual >
                                  Price: 5.296075
                                                    Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 999966131 <Catering>
                                  Price: 6.000000
                                                     Description: PastryRoll
 Customer: 999966131 <Catering>
                                   Price: 6.273918
                                                     Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 999966131 <Catering>
                                   Price: 6.559698
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 999966131 <Catering>
                                   Price: 6.304977
                                                     Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 999966131 <Catering>
                                   Price: 6.273918
                                                     Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 999966131 <Catering>
                                   Price: 5.075000
                                                     Description: EggRoll <extra Topping>
                                                     Description: EggRoll <extra Filling>
 Customer: 999966131 <Catering>
                                  Price: 5.050000
 Customer: 999966131 <Catering>
                                   Price: 5.100000
                                                     Description: EggRoll <extra Sauce>
 Customer: 999966131 <Catering>
                                   Price: 5.125750
                                                     Description: EggRoll <extra Filling> <extra Topping>
 Customer: 999966131 <Catering>
                                   Price: 5.466415
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 999966131 <Catering>
                                   Price: 5.115499
                                                     Description: SpringRoll <extra Filling> <extra Topping>
 Customer: 999966131 <Catering>
                                   Price: 5.374859
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 999966131 <Catering>
                                   Price: 5.455482
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 999966131 <Catering>
                                   Price: 5.064850
                                                     Description: SpringRoll <extra Topping>
 Customer: 999966131 <Catering>
                                   Price: 5.217808
                                                     Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1989780873 <Catering>
                                    Price: 5.428608
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1989780873 <Catering>
                                    Price: 5.243639
                                                      Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1989780873 <Catering>
                                    Price: 4.990000
                                                      Description: SpringRoll
 Customer: 1989780873 <Catering>
                                    Price: 5.039900
                                                      Description: SpringRoll <extra Filling>
 Customer: 1989780873 <Catering>
                                    Price: 5.192231
                                                      Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1989780873 <Catering>
                                    Price: 4.776020
                                                      Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1989780873 <Catering>
                                    Price: 4.567500
                                                      Description: SausageRoll <extra Topping>
 Customer: 1989780873 <Catering>
                                    Price: 4.728733
                                                      Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1989780873 <Catering>
                                    Price: 4.823191
                                                      Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                    Price: 4.728618
                                                      Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1989780873 <Catering>
                                    Price: 6.527384
 Customer: 1989780873 <Catering>
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                    Price: 6.120000
                                                      Description: PastryRoll <extra Sauce>
 Customer: 1989780873 <Catering>
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1989780873 <Catering>
                                    Price: 6.336036
 Customer: 1989780873 <Catering>
                                    Price: 6.090000
                                                      Description: PastryRoll <extra Topping>
 Customer: 1989780873 <Catering>
                                    Price: 6.060000
                                                      Description: PastryRoll <extra Filling>
 Customer: 1480010240 < Casual>
                                  Price: 5.192231
                                                    Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1480010240 < Casual>
                                  Price: 5.401998
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1480010240 < Casual>
                                  Price: 5.140698
                                                    Description: SpringRoll <extra Sauce> <extra Filling>
 Customer: 81628611 <Casual>
                                Price: 4.682373
                                                  Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
                                  Price: 6.527384
 Customer: 1828972342 < Casual>
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                  Price: 6.090000
 Customer: 1828972342 <Casual>
                                                    Description: PastryRoll <extra Topping>
 Customer: 1828972342 <Casual>
                                  Price: 6.431076
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1452126962 <Business>
                                    Price: 5.151125
                                                      Description: EggRoll <extra Topping> <extra Topping>
                                                      Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1452126962 <Business>
                                    Price: 5.254148
 Customer: 1452126962 <Business>
                                    Price: 5.866113
                                                      Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1452126962 <Business>
                                    Price: 5.954105
                                                      Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1452126962 <Business>
                                    Price: 6.431076
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                    Price: 6.211800
                                                      Description: PastryRoll <extra Sauce> <extra Topping>
 Customer: 1452126962 <Business>
```

Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>

```
Customer: 1452126962 <Business>
                                 Price: 4.567500
                                                  Description: SausageRoll <extra Topping>
 Customer: 1452126962 <Business>
                                 Price: 5.064850
                                                   Description: SpringRoll <extra Topping>
 Customer: 1452126962 <Business>
                                 Price: 5.217808
                                                  Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 931919113 <Casual>
                               Price: 4.968971
                                                Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                Price: 4,613175
                                                 Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 1607521710 < Casual>
 Customer: 1607521710 <Casual>
                                Price: 4.635900
                                                 Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 1607521710 < Casual>
                               Price: 4.752028
                                                Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total selí: 2
Product: EggRoll Total sell: 7
Product: PastryRoll Total sell: 15
Product: SpringRoll Total sell: 16
Product: SausageRoll Total sell: 12
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 63.731911
Customer: Catering Total bill: 164.110031
Customer: Business Total bill: 54.400898
Total payment: 282.242859
Egg Roll: 15
Jelly Roll: 24
Pastry Roll: 15
Spring Roll: 7
Sausage Roll: 11
---Food Store at <220 Summit Blvd> on <Day 06>-
Egg Roll: 15
Jelly Roll: 24
Pastry Roll: 15
Spring Roll: 7
Sausage Roll: 11
***************************** Day Begin Inventory **********************
 Customer: 764977973 <Catering>
                                                  Description: SpringRoll <extra Sauce>
                                Price: 5.089800
 Customer: 764977973 <Catering>
                                Price: 5.348382
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 764977973 <Catering>
                                Price: 5.296075
                                                  Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 764977973 <Catering>
                                Price: 5.510037
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 764977973 <Catering>
                                Price: 5.348382
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 764977973 <Catering>
                                Price: 5.228265
                                                  Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 764977973 <Catering>
                                Price: 5.359100
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 764977973 <Catering>
                                Price: 5.202000
                                                  Description: EggRoll <extra Sauce> <extra Sauce>
 Customer: 764977973 <Catering>
                                Price: 5.075000
                                                  Description: EggRoll <extra Topping>
                                Price: 5.100000
 Customer: 764977973 <Catering>
                                                  Description: EggRoll <extra Sauce>
 Customer: 764977973 <Catering>
                                Price: 4.728733
                                                  Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 764977973 <Catering>
                                Price: 4.799547
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 764977973 <Catering>
                                Price: 4.705439
                                                  Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 764977973 <Catering>
                                Price: 4.705439
                                                  Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
                                Price: 4.613175
 Customer: 764977973 <Catering>
                                                  Description: SausageRoll <extra Filling> <extra Topping>
                                                Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 381259350 < Casual >
                               Price: 4.681800
 Customer: 381259350 < Casual >
                               Price: 4.545000
                                                Description: SausageRoll <extra Filling>
 Customer: 381259350 < Casual >
                               Price: 4.545000
                                                Description: SausageRoll <extra Filling>
 Customer: 2129789493 < Casual>
                                Price: 5,439487
                                                Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
```

```
Customer: 2129789493 < Casual>
                                  Price: 5.000000 Description: EggRoll
 Customer: 668386784 < Casual >
                                  Price: 5.359230
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 5.359230
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 668386784 < Casual >
                                  Price: 5.306689
 Customer: 668386784 < Casual >
                                                    Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1329552164 <Catering>
                                     #Exec: selected roll is sold out!
 Customer: 1329552164 <Catering>
                                     Price: 5.296075
                                                       Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1329552164 <Catering>
                                     Price: 5.115499
                                                       Description: SpringRoll <extra Filling> <extra Topping>
                                                       Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1329552164 <Catering>
                                     Price: 5.280030
 Customer: 1329552164 <Catering>
                                     Price: 5.075000
                                                       Description: EggRoll <extra Topping>
                                                       Description: EggRoll <extra Filling>
 Customer: 1329552164 <Catering>
                                     Price: 5.050000
 Customer: 1329552164 <Catering>
                                     Price: 5.439487
                                                       Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1329552164 <Catering>
                                     Price: 5.280030
                                                       Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1329552164 <Catering>
                                     Price: 5.582500
                                                       Description: JellyRoll <extra Topping>
 Customer: 1329552164 <Catering>
                                     Price: 5.722200
                                                       Description: JellyRoll <extra Sauce> <extra Sauce>
                                                       Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1329552164 <Catering>
                                     Price: 6.073187
 Customer: 1329552164 <Catering>
                                     Price: 6.073187
                                                       Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1329552164 <Catering>
                                     Price: 5.983435
                                                       Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1329552164 <Catering>
                                     Price: 6.431076
                                                       Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1329552164 <Catering>
                                     Price: 6.304977
                                                       Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1329552164 <Catering>
                                     Price: 6.243164
                                                       Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 363771819 <Casual>
                                  #Exec: selected roll is sold out!
 Customer: 2065951873 < Casual>
                                   Price: 5.500000
                                                     Description: JellvRoll
 Customer: 2065951873 < Casual>
                                   Price: 5.555000
                                                     Description: JellyRoll <extra Filling>
 Customer: 1791741888 < Casual>
                                   Price: 4.776020
                                                     Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1595428806 < Casual>
                                  Price: 5.751091
                                                     Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
                                                     Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1595428806 < Casual >
                                   Price: 5.722899
 Customer: 1595428806 < Casual>
                                   Price: 5.954105
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1072408673 <Business>
                                     Price: 5.638325
                                                       Description: JellyRoll <extra Filling> <extra Topping>
                                                       Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1072408673 <Business>
                                     Price: 5.751091
                                     Price: 6.120000
                                                       Description: PastryRoll <extra Sauce>
 Customer: 1072408673 <Business>
 Customer: 1072408673 <Business>
                                     Price: 6.242400
                                                       Description: PastryRoll <extra Sauce> <extra Sauce>
                                                       Description: SausageRoll <extra Sauce> <extra Topping>
 Customer: 1072408673 <Business>
                                     Price: 4.658850
 Customer: 1072408673 <Business>
                                    Price: 4.567500
                                                       Description: SausageRoll <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 12
Product: EggRoll Total sell: 15
Product: PastryRoll Total sell: 5
Product: SpringRoll Total sell: 7
Product: SausageRoll Total sell: 11
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 73,495552
Customer: Catering Total bill: 161.059189
Customer: Business Total bill: 32.978165
Total payment: 267.532898
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 1
Customer: Catering Outage: 1
Customer: Business Outage: 2
Total outage: 4
```

```
Egg
Jelly Roll: 12
Pastry Roll: 10
Spring Roll: 0
Sausage Roll: 0
--Food Store at <220 Summit Blvd> on <Day 07>-
Egg Roll: 30
Jelly Roll: 12
Pastry Roll: 10
Spring Roll: 30
Sausage Roll: 30
***************************** Day Begin Inventory **********************
 Customer: 1531448569 <Business>
                                 Price: 5.306689
                                                   Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1531448569 <Business>
                                  Price: 5.254148
                                                   Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1531448569 <Business>
                                  Price: 5.866113
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1531448569 <Business>
                                  Price: 5.722899
                                                   Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1531448569 <Business>
                                  Price: 6.181350
                                                   Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 1531448569 <Business>
                                  Price: 6.559698
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1531448569 <Business>
                                  Price: 4.776020
                                                   Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1531448569 <Business>
                                  Price: 4.728733
                                                   Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 5.455482
 Customer: 1531448569 <Business>
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 5.269470
 Customer: 1531448569 <Business>
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1867083167 < Casual>
                                Price: 6.431076
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1867083167 < Casual>
                                Price: 6.367248
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1867083167 < Casual>
                                Price: 6.559698
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1915910607 < Casual>
                                Price: 5.064850
                                                 Description: SpringRoll <extra Topping>
 Customer: 284720968 < Casual >
                               Price: 5.837358
                                                Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 284720968 < Casual >
                               Price: 5.895154
                                                Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 189568618 < Casual >
                               Price: 6.431076
                                                Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 189568618 < Casual >
                               Price: 6.211800
                                                Description: PastryRoll <extra Sauce> <extra Topping>
 Customer: 793589513 <Business>
                                Price: 5.359230
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 793589513 <Business>
                                Price: 5.125750
                                                  Description: EggRoll <extra Filling> <extra Topping>
 Customer: 793589513 <Business>
                                Price: 5.954105
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 793589513 <Business>
                                Price: 5.555000
                                                  Description: JellyRoll <extra Filling>
 Customer: 793589513 <Business>
                                Price: 6.150900
                                                  Description: PastryRoll <extra Filling> <extra Topping>
 Customer: 793589513 <Business>
                                 Price: 6.211800
                                                  Description: PastryRoll <extra Sauce> <extra Topping>
 Customer: 793589513 <Business>
                                Price: 4.895538
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 793589513 <Business>
                                Price: 4.968971
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 793589513 <Business>
                                Price: 5.269470
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 793589513 <Business>
                                Price: 5,428608
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1313922862 <Business>
                                  Price: 5.151125
                                                   Description: EggRoll <extra Topping> <extra Topping>
                                                   Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1313922862 <Business>
                                  Price: 5.254148
                                  Price: 5.722899
                                                   Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1313922862 <Business>
 Customer: 1313922862 <Business>
                                  Price: 5.954105
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1313922862 <Business>
                                  Price: 4.775436
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1313922862 <Business>
                                  Price: 4.682373
                                                   Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1313922862 <Business>
                                  Price: 5.217808
                                                   Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1313922862 <Business>
                                  Price: 5.455482
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
```

```
Customer: 495053715 <Catering>
                                 #Exec: selected roll is sold out!
 Customer: 495053715 <Catering>
                                 Price: 4.728618
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 495053715 <Catering>
                                 Price: 4.823191
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 495053715 <Catering>
                                 Price: 4.682373
                                                   Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 495053715 <Catering>
                                 Price: 4.919774
 Customer: 495053715 <Catering>
                                 Price: 4,681800
                                                   Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 495053715 <Catering>
                                 Price: 5.412822
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 495053715 <Catering>
                                 Price: 5.466415
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 495053715 <Catering>
                                 Price: 5.359230
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 495053715 <Catering>
                                 Price: 5.000000
                                                   Description: EggRoll
 Customer: 495053715 <Catering>
                                 Price: 5.280030
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 495053715 <Catering>
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
                                 Price: 6.336036
 Customer: 495053715 <Catering>
                                 Price: 5.895154
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 495053715 <Catering>
                                 Price: 5.779562
                                                   Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 495053715 <Catering>
                                 Price: 6.013056
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 495053715 <Catering>
                                 Price: 5.610000
                                                   Description: JellyRoll <extra Sauce>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 12
Product: EggRoll Total sell: 11
Product: PastryRoll Total sell: 10
Product: SpringRoll Total sell: 7
Product: SausageRoll Total sell: 11
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 48.798260
Customer: Catering Total bill: 79.988060
Customer: Business Total bill: 152,253342
Total payment: 281,039673
----> Orders impacted by a roll outage by customer type <----
Customer: Catering Outage: 1
Customer: Business Outage: 1
Total outage: 2
Egg Roll: 19
Jelly Roll: 0
Pastry Roll: 0
Spring Roll: 23
Sausage Roll: 19
--Food Store at <220 Summit Blvd> on <Day 08>-
****************************** Day Begin Inventory ****************************
     Roll: 19
Jelly Roll: 30
Pastry Roll: 30
Spring Roll: 23
Sausage Roll: 19
************************************ Day Begin Inventory **********************
 Customer: 1922154895 < Casual >
                                Price: 5.837358 Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1922154895 < Casual >
                                Price: 5.866113
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1922154895 < Casual>
                                Price: 5.779562
                                                 Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 883049899 < Casual >
                               Price: 5.722200
                                                 Description: JellyRoll <extra Sauce> <extra Sauce>
 Customer: 883049899 < Casual >
                               Price: 5.895154
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 883049899 < Casual>
                               Price: 5.866113
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2093176254 < Catering>
                                 Price: 5.254020 Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
```

```
Customer: 2093176254 <Catering>
                                   Price: 5.050000
                                                    Description: EggRoll <extra Filling>
 Customer: 2093176254 <Catering>
                                   Price: 5.466415
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2093176254 <Catering>
                                   Price: 5.439487
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                   Price: 5,439487
 Customer: 2093176254 <Catering>
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2093176254 <Catering>
                                   Price: 5.866113
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2093176254 <Catering>
                                   Price: 6.073187
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2093176254 <Catering>
                                   Price: 5.895154
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2093176254 <Catering>
                                   Price: 6.013056
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2093176254 <Catering>
                                   Price: 5.924193
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2093176254 <Catering>
                                   Price: 6.559698
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2093176254 <Catering>
                                   Price: 6.090000
                                                    Description: PastryRoll <extra Topping>
 Customer: 2093176254 <Catering>
                                   Price: 6.495388
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2093176254 <Catering>
                                   Price: 6.462756
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2093176254 <Catering>
                                  Price: 6.273918
                                                    Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1854731462 < Casual >
                                 Price: 5.521079
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1854731462 < Casual >
                                 Price: 5.385631
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 317574433 <Business>
                                  Price: 5.439487
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 317574433 <Business>
                                 Price: 5.359230
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 317574433 <Business>
                                 Price: 5.779422
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 317574433 <Business>
                                  Price: 5.954105
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 317574433 <Business>
                                  Price: 6.304824
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 317574433 <Business>
                                  Price: 6.181350
                                                   Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 317574433 <Business>
                                 Price: 4.919774
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 317574433 <Business>
                                 Price: 4.545000
                                                   Description: SausageRoll <extra Filling>
 Customer: 317574433 <Business>
                                 Price: 5.296075
                                                   Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 317574433 <Business>
                                 Price: 5,455482
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 885284298 < Casual >
                                Price: 4.871541
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1389133897 < Casual>
                                 Price: 5.202636
                                                  Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
                                                   Description: EggRoll <extra Topping> <extra Topping>
 Customer: 1389133897 < Casual>
                                 Price: 5.151125
                                                  Description: EggRoll <extra Sauce> <extra Topping>
 Customer: 1389133897 < Casual>
                                 Price: 5.176500
 Customer: 1534030866 < Casual>
                                 Price: 5.837358
                                                   Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1534030866 < Casual>
                                 Price: 5.500000
                                                  Description: JellyRoll
 Customer: 664223387 < Casual>
                                Price: 5.075000
                                                 Description: EggRoll <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 15
Product: EggRoll Total sell: 13
Product: PastryRoll Total sell: 7
Product: SpringRoll Total sell: 2
Product: SausageRoll Total sell: 3
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 82.687363
Customer: Catering Total bill: 88.302864
Customer: Business Total bill: 55.234749
Total payment: 226,224976
Egg Roll: 6
Jelly Roll: 15
Pastry Roll: 23
Spring Roll: 21
Sausage Roll: 16
```

-----Food Store at <220 Summit Blvd> on <Day 09>-----

```
Egg
      Roll: 6
Jelly Roll: 15
Pastry Roll: 23
Spring Roll: 21
Sausage Roll: 16
****************************** Day Begin Inventory **********************
 Customer: 824909230 < Casual >
                                Price: 6.090000
                                                  Description: PastryRoll <extra Topping>
 Customer: 824909230 <Casual>
                                Price: 6.430920
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 122883338 <Casual>
                                Price: 4.658850
                                                  Description: SausageRoll <extra Sauce> <extra Topping>
 Customer: 122883338 < Casual>
                                Price: 4.968971
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 666641942 <Casual>
                                Price: 5.217808
                                                  Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 666641942 <Casual>
                                Price: 5.428608
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 960604060 <Catering>
                                  Price: 5.895010
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 960604060 <Catering>
                                  Price: 6.013056
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 960604060 <Catering>
                                  Price: 5.808033
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 960604060 <Catering>
                                  Price: 5.779562
                                                    Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 960604060 <Catering>
                                  Price: 5.866113
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 960604060 <Catering>
                                  Price: 5.115499
                                                    Description: SpringRoll <extra Filling> <extra Topping>
                                  Price: 5.348512
 Customer: 960604060 <Catering>
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 5.140822
 Customer: 960604060 <Catering>
                                                    Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 960604060 <Catering>
                                  Price: 5.296075
                                                    Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 960604060 <Catering>
                                  Price: 5.243512
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 960604060 <Catering>
                                  Price: 4.823191
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 960604060 <Catering>
                                  Price: 4.728733
                                                    Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 960604060 <Catering>
                                  Price: 4.895538
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 960604060 <Catering>
                                  Price: 4.682373
                                                    Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 960604060 <Catering>
                                 Price: 4.590000
                                                    Description: SausageRoll <extra Sauce>
 Customer: 1349393271 <Casual>
                                 Price: 5.808033
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1349393271 <Casual>
                                 Price: 5.983435
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1338668845 < Casual>
                                 Price: 4.871541
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 159413332 < Casual>
                                Price: 6.120000
                                                  Description: PastrvRoll <extra Sauce>
 Customer: 159413332 < Casual >
                                Price: 6.527384
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1028214719 <Casual>
                                 Price: 4.728733
                                                  Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 500977346 <Business>
                                  Price: 5.521079
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 500977346 <Business>
                                  Price: 5.466415
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 500977346 <Business>
                                  Price: 5.866113
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                  Price: 5.895010
 Customer: 500977346 <Business>
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 500977346 <Business>
                                  Price: 6.211800
                                                    Description: PastryRoll <extra Sauce> <extra Topping>
                                  Price: 6.181350
                                                    Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 500977346 <Business>
 Customer: 500977346 <Business>
                                  Price: 4.613175
                                                    Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 500977346 <Business>
                                 Price: 4.635900
                                                    Description: SausageRoll <extra Sauce> <extra Filling>
                                  Price: 5.401998
 Customer: 500977346 <Business>
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 500977346 <Business>
                                                    Description: SpringRoll <extra Sauce>
                                  Price: 5.089800
 Customer: 20132171 <Casual>
                               Price: 5.555000
                                                 Description: JellyRoll <extra Filling>
                               Price: 6.013056
 Customer: 20132171 <Casual>
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 20132171 <Casual>
                                                 Description: JellyRoll <extra Sauce> <extra Sauce>
                               Price: 5.722200
```

```
Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 186370029 <Casual>
                               Price: 5.954105
 Customer: 186370029 <Casual>
                               Price: 5.751091
                                                 Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 186370029 <Casual>
                              Price: 5.555000
                                                Description: JellvRoll <extra Filling>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 15
Product: EggRoll Total sell: 2
Product: PastryRoll Total sell: 6
Product: SpringRoll Total sell: 9
Product: SausageRoll Total sell: 11
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 101.384735
Customer: Catering Total bill: 79.226028
Customer: Business Total bill: 54.882637
Total payment: 235.493408
Egg Roll: 4
Jelly Roll: 0
Pastry Roll: 17
Spring Roll: 12
Sausage Roll: 5
---Food Store at <220 Summit Blvd> on <Day 10>--
**************************** Day Begin Inventory ***********************
Egg Roll: 4
Jelly Roll: 30
Pastry Roll: 17
Spring Roll: 12
Sausage Roll: 5
****************************** Day Begin Inventory ****************************
                                                   Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 2094548358 <Catering>
                                  Price: 5.722899
 Customer: 2094548358 <Catering>
                                  Price: 5.751091
                                                   Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2094548358 <Catering>
                                  Price: 5.610000
                                                   Description: JellyRoll <extra Sauce>
 Customer: 2094548358 <Catering>
                                  Price: 5.983435
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2094548358 <Catering>
                                  Price: 5.836644
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 2094548358 <Catering>
                                  Price: 5.428608
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2094548358 <Catering>
                                  Price: 5.401998
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2094548358 <Catering>
                                  Price: 5.510037
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2094548358 <Catering>
                                  Price: 5.089800
                                                   Description: SpringRoll <extra Sauce>
 Customer: 2094548358 <Catering>
                                  Price: 5.115499
                                                   Description: SpringRoll <extra Filling> <extra Topping>
 Customer: 2094548358 <Catering>
                                  Price: 4.682373
                                                   Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 2094548358 <Catering>
                                  Price: 4.752028
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2094548358 <Catering>
                                  Price: 4.545000
                                                   Description: SausageRoll <extra Filling>
 Customer: 2094548358 <Catering>
                                  Price: 4.776020
                                                   Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2094548358 <Catering>
                                 Price: 4.775436
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 51228289 <Business>
                                Price: 5.100000
                                                 Description: EggRoll <extra Sauce>
 Customer: 51228289 <Business>
                                Price: 5.385631
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 51228289 <Business>
                                Price: 5.582500
                                                 Description: JellyRoll <extra Topping>
 Customer: 51228289 <Business>
                                Price: 5.779562
                                                 Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 51228289 <Business>
                                Price: 6.527384
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 51228289 <Business>
                                Price: 6.462756
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                Price: 5.140698
 Customer: 51228289 <Business>
                                                 Description: SpringRoll <extra Sauce> <extra Filling>
 Customer: 51228289 <Business>
                                Price: 5.295428
                                                 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 455896770 < Casual>
                               Price: 5.000000
                                                 Description: EggRoll
```

```
Customer: 1323165413 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 1323165413 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 1323165413 <Catering>
                                   Price: 5.455482
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1323165413 <Catering>
                                   Price: 5.064850
                                                     Description: SpringRoll <extra Topping>
Customer: 1323165413 <Catering>
                                   Price: 5.455482
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1323165413 <Catering>
                                   Price: 5.217808
                                                     Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 1323165413 <Catering>
                                   Price: 5.322165
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1323165413 <Catering>
                                   Price: 6.625295
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1323165413 <Catering>
                                   Price: 6.462756
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                   Price: 6.399396
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1323165413 <Catering>
Customer: 1323165413 <Catering>
                                   Price: 6.090000
                                                      Description: PastryRoll <extra Topping>
                                   Price: 6.304824
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1323165413 <Catering>
                                   Price: 5.228265
Customer: 1323165413 <Catering>
                                                      Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 1323165413 <Catering>
                                   Price: 5.836644
                                                      Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 1323165413 <Catering>
                                   Price: 5.779562
                                                      Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1323165413 <Catering>
                                   Price: 5.895154
                                                      Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1323165413 <Catering>
                                   Price: 5.751091
                                                      Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 1880587981 <Casual>
                                 Price: 5.924193
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1880587981 < Casual>
                                 Price: 5.837358
                                                    Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1880587981 < Casual>
                                 Price: 5.895154
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 511754216 <Casual>
                                 Price: 6.060000
                                                   Description: PastryRoll <extra Filling>
Customer: 511754216 <Casual>
                                 Price: 6.304977
                                                   Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 511754216 <Casual>
                                Price: 6.495388
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1721931908 <Business>
                                   Price: 6.013056
                                                      Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1721931908 <Business>
                                   Price: 5.779562
                                                      Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1721931908 <Business>
                                   Price: 6.462756
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1721931908 <Business>
                                   Price: 6.399396
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1198108795 <Business>
                                   Price: 5.555000
                                                      Description: JellyRoll <extra Filling>
Customer: 1198108795 <Business>
                                   Price: 5.836644
                                                      Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 1198108795 <Business>
                                   Price: 6.462756
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1198108795 <Business>
                                   Price: 6.430920
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 214126413 <Casual>
                                                   Description: PastryRoll <extra Sauce> <extra Topping>
                                 Price: 6.211800
Customer: 214126413 <Casual>
                                 Price: 6.243164
                                                   Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 214126413 <Casual>
                                 Price: 6.304824
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 396873410 < Casual >
                                 #Exec: selected roll is sold out!
Customer: 1706234378 < Casual>
                                 #Exec: selected roll is sold out!
Customer: 1867750575 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 1867750575 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 1867750575 <Catering>
                                   #Exec: selected roll is sold out!
                                   #Exec: selected roll is sold out!
Customer: 1867750575 <Catering>
Customer: 1867750575 <Catering>
                                   Price: 5.924193
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1867750575 <Catering>
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
                                   Price: 5.779422
Customer: 1867750575 <Catering>
                                   Price: 5.983435
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1867750575 <Catering>
                                   Price: 5.555000
                                                     Description: JellyRoll <extra Filling>
                                   Price: 5.500000
Customer: 1867750575 <Catering>
                                                     Description: JellyRoll
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 23
```

Product: EggRoll Total sell: 4 Product: PastryRoll Total sell: 17 Product: SpringRoll Total sell: 12

```
Product: SausageRoll Total sell: 5
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 60.276855
Customer: Catering Total bill: 194.611694
Customer: Business Total bill: 94.214058
Total payment: 349.102600
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 2
Customer: Catering Outage: 6
Customer: Business Outage: 7
Total outage: 15
Egg Roll: 0
Jelly Roll: 7
Pastry Roll: 0
Spring Roll: 0
Sausage Roll: 0
--Food Store at <220 Summit Blvd> on <Day 11>-
Roll: 30
Jelly Roll: 7
Pastry Roll: 30
Spring Roll: 30
Sausage Roll: 30
Customer: 2046562095 <Catering>
                                 Price: 5.151000
                                                 Description: EggRoll <extra Sauce> <extra Filling>
 Customer: 2046562095 <Catering>
                                 Price: 5.306040
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 2046562095 <Catering>
                                 Price: 5.306040
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 2046562095 <Catering>
                                 Price: 5.521079
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2046562095 <Catering>
                                 Price: 5.332830
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2046562095 <Catering>
                                 Price: 6.462756
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2046562095 <Catering>
                                 Price: 6.273918
                                                  Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2046562095 <Catering>
                                 Price: 6.559698
 Customer: 2046562095 <Catering>
                                 Price: 6.495388
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2046562095 <Catering>
                                                 Description: PastryRoll <extra Filling>
                                 Price: 6.060000
 Customer: 2046562095 <Catering>
                                 Price: 4.752028
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2046562095 <Catering>
                                 Price: 4.968971
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2046562095 <Catering>
                                 Price: 4.567500
                                                  Description: SausageRoll <extra Topping>
 Customer: 2046562095 <Catering>
                                 Price: 4.919774
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2046562095 <Catering>
                                 Price: 4.567500
                                                 Description: SausageRoll <extra Topping>
 Customer: 1342443276 < Casual >
                               Price: 4.567500
                                               Description: SausageRoll <extra Topping>
 Customer: 769287236 < Casual >
                              Price: 5.428608
                                               Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 769287236 < Casual >
                              Price: 5.428608
                                               Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1587487668 <Business>
                                 Price: 5.176500
                                                  Description: EggRoll <extra Sauce> <extra Topping>
 Customer: 1587487668 <Business>
                                 Price: 5.125750
                                                 Description: EggRoll <extra Filling> <extra Topping>
 Customer: 1587487668 <Business>
                                 Price: 5.954105
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1587487668 <Business>
                                 Price: 5.751091
                                                  Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
                                 Price: 6.462756
 Customer: 1587487668 <Business>
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1587487668 <Business>
                                 Price: 6.181200
                                                  Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 1587487668 <Business>
                                 Price: 4.681800
                                                  Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 1587487668 <Business>
                                 Price: 4.895538
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1587487668 <Business>
                                 Price: 5.039900
                                                 Description: SpringRoll <extra Filling>
```

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Customer: 1587487668 <Business>
                                 Price: 5.039900 Description: SpringRoll <extra Filling>
 Customer: 1199823423 < Casual>
                                Price: 4.775436
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce>
----> 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: 4
Product: SausageRoll Total sell: 9
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 20.200153
Customer: Catering Total bill: 82.244522
Customer: Business Total bill: 54.308548
Total payment: 156.753220
Egg Roll: 23
Jelly Roll: 5
Pastry Roll: 23
Spring Roll: 26
Sausage Roll: 21
--Food Store at <220 Summit Blvd> on <Day 12>--
**************************** Day Begin Inventory ***********************
Egg Roll: 23
Jelly Roll: 5
Pastry Roll: 23
Spring Roll: 26
Sausage Roll: 21
***************************** Day Begin Inventory ******************
                              Price: 5.666100
 Customer: 932172204 <Casual>
                                                Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 932172204 <Casual>
                               Price: 5.582500
                                                Description: JellyRoll <extra Topping>
 Customer: 932172204 <Casual>
                               Price: 5.500000
                                                Description: JellyRoll
 Customer: 1225358173 <Catering>
                                  Price: 5.125750
                                                   Description: EggRoll <extra Filling> <extra Topping>
 Customer: 1225358173 <Catering>
                                  Price: 5.521079
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                   Description: EggRoll <extra Sauce> <extra Sauce>
 Customer: 1225358173 <Catering>
                                  Price: 5.202000
 Customer: 1225358173 <Catering>
                                  Price: 5.050000
                                                   Description: EggRoll <extra Filling>
 Customer: 1225358173 <Catering>
                                  Price: 5.306040
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                  Price: 4.681800
                                                   Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 1225358173 <Catering>
 Customer: 1225358173 <Catering>
                                  Price: 4.613175
                                                   Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 1225358173 <Catering>
                                  Price: 4.545000
                                                   Description: SausageRoll <extra Filling>
 Customer: 1225358173 <Catering>
                                  Price: 4.728733
                                                   Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1225358173 <Catering>
                                  Price: 4.823308
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1225358173 <Catering>
                                  Price: 5.348382
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1225358173 <Catering>
                                 Price: 5.115499
                                                   Description: SpringRoll <extra Filling> <extra Topping>
 Customer: 1225358173 <Catering>
                                 Price: 4.990000
                                                   Description: SpringRoll
                                                   Description: SpringRoll
 Customer: 1225358173 <Catering>
                                 Price: 4.990000
 Customer: 1225358173 <Catering>
                                 Price: 5.089800
                                                   Description: SpringRoll <extra Sauce>
 Customer: 1848402763 <Casual>
                                #Exec: selected roll is sold out!
 Customer: 1848402763 < Casual>
                                Price: 5.751091
                                                 Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1848402763 < Casual>
                                Price: 5.866113
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 933699219 <Casual>
                               Price: 5.295428
                                                Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 2121055098 < Casual>
                                Price: 5.455482
                                                Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
```

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Customer: 2121055098 < Casual>
                                  Price: 5.428608
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2084435065 < Casual>
                                  Price: 5.202636
                                                    Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1896277646 < Casual >
                                  Price: 6.336036
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2128227771 <Business>
                                    Price: 5.332830
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2128227771 <Business>
                                    Price: 5.332830
                                                       Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                                       Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2128227771 <Business>
                                    Price: 6.462756
 Customer: 2128227771 <Business>
                                    Price: 6.368027
                                                       Description: PastryRoll <extra Sauce> <extra Filling> <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: 5.140822
                                                       Description: SpringRoll <extra Topping> <extra Topping>
                                                      Description: SpringRoll <extra Filling>
 Customer: 2128227771 <Business>
                                    Price: 5.039900
 Customer: 1702297201 <Casual>
                                  Price: 4.682373
                                                    Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1702297201 < Casual>
                                  Price: 4.658850
                                                    Description: SausageRoll <extra Sauce> <extra Topping>
 Customer: 1996181658 < Casual >
                                  #Exec: selected roll is sold out!
 Customer: 806353501 <Catering>
                                   Price: 5.000000
                                                      Description: EggRoll
 Customer: 806353501 < Catering>
                                   Price: 5.254020
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 806353501 <Catering>
                                   Price: 5.075000
                                                      Description: EggRoll <extra Topping>
 Customer: 806353501 < Catering>
                                   Price: 5.202000
                                                      Description: EggRoll <extra Sauce> <extra Sauce>
 Customer: 806353501 <Catering>
                                   Price: 5.125750
                                                      Description: EggRoll <extra Filling> <extra Topping>
 Customer: 806353501 <Catering>
                                   Price: 5,455482
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 806353501 <Catering>
                                   Price: 4.990000
                                                      Description: SpringRoll
 Customer: 806353501 <Catering>
                                   Price: 5.217808
                                                      Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 806353501 <Catering>
                                   Price: 4.990000
                                                      Description: SpringRoll
 Customer: 806353501 <Catering>
                                   Price: 5.510037
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 806353501 <Catering>
                                   Price: 4.968971
                                                      Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                   Price: 4.847068
 Customer: 806353501 <Catering>
                                                      Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                                      Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 806353501 < Catering>
                                   Price: 4.752028
 Customer: 806353501 < Catering>
                                   Price: 4.658850
                                                      Description: SausageRoll <extra Sauce> <extra Topping>
 Customer: 806353501 < Catering>
                                   Price: 4.847068
                                                      Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 521645586 <Casual>
                                 Price: 5.089800
                                                    Description: SpringRoll <extra Sauce>
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 521645586 <Casual>
                                 Price: 5.374859
 Customer: 521645586 <Casual>
                                 Price: 5.374859
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1296064247 < Casual >
                                  Price: 6.367248
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 5
Product: EggRoll Total sell: 13
Product: PastryRoll Total sell: 4
Product: SpringRoll Total sell: 18
Product: SausageRoll Total sell: 14
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 87.631989
Customer: Catering Total bill: 151.024612
Customer: Business Total bill: 43.323784
Total payment: 281.980377
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 2
Customer: Business Outage: 1
Total outage: 3
```

```
Roll: 10
Jellv Roll: 0
Pastry Roll: 19
Spring Roll: 8
Sausage Roll: 7
--Food Store at <220 Summit Blvd> on <Day 13>-
****************************** Day Begin Inventory ****************************
     Roll: 10
Jelly Roll: 30
Pastry Roll: 19
Spring Roll: 8
Sausage Roll: 7
***************************** Day Begin Inventory ******************
 Customer: 1637070917 <Catering>
                                  Price: 4.658850
                                                    Description: SausageRoll <extra Sauce> <extra Topping>
 Customer: 1637070917 <Catering>
                                  Price: 4.823308
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1637070917 <Catering>
                                  Price: 4.682373
                                                    Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1637070917 <Catering>
                                  Price: 4.895538
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1637070917 <Catering>
                                  Price: 4.823308
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1637070917 <Catering>
                                  Price: 5.439487
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1637070917 <Catering>
                                  Price: 5.151125
                                                    Description: EggRoll <extra Topping> <extra Topping>
 Customer: 1637070917 <Catering>
                                  Price: 5.306040
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                  Price: 5.385631
 Customer: 1637070917 <Catering>
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                  Price: 5.439487
 Customer: 1637070917 <Catering>
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1637070917 <Catering>
                                  Price: 6.243164
                                                    Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1637070917 <Catering>
                                  Price: 6.181200
                                                    Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 1637070917 <Catering>
                                  Price: 6.462756
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1637070917 <Catering>
                                  Price: 6.243164
                                                    Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1637070917 <Catering>
                                  Price: 6.000000
                                                    Description: PastryRoll
                                                 Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 780237624 <Casual>
                                Price: 6.181200
                                Price: 6.399396
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 780237624 <Casual>
 Customer: 205797316 <Business>
                                 Price: 5.075000
                                                   Description: EggRoll <extra Topping>
                                 Price: 5.439487
 Customer: 205797316 <Business>
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 205797316 <Business>
                                 Price: 5.983435
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 205797316 <Business>
                                 Price: 5,666100
                                                   Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 205797316 <Business>
                                 Price: 6.431076
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 205797316 <Business>
                                 Price: 6.399396
                                                   Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
                                 Price: 4.799547
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 205797316 <Business>
 Customer: 205797316 <Business>
                                 Price: 4.705439
                                                   Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 205797316 <Business>
                                 Price: 5.064850
                                                   Description: SpringRoll <extra Topping>
 Customer: 205797316 <Business>
                                 Price: 5.140822
                                                   Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 1128032093 <Catering>
                                  #Exec: selected roll is sold out!
                                  #Exec: selected roll is sold out!
 Customer: 1128032093 <Catering>
                                  Price: 5.500000
                                                    Description: JellyRoll
 Customer: 1128032093 <Catering>
 Customer: 1128032093 <Catering>
                                  Price: 5.836644
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1128032093 <Catering>
                                  Price: 5.779562
                                                    Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1128032093 <Catering>
                                  Price: 5.836644
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                  Price: 5.582500
 Customer: 1128032093 <Catering>
                                                    Description: JellyRoll <extra Topping>
                                  Price: 5.428608
 Customer: 1128032093 <Catering>
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                  Price: 5.191596
 Customer: 1128032093 <Catering>
                                                    Description: SpringRoll <extra Sauce> <extra Sauce>
 Customer: 1128032093 <Catering>
                                  Price: 5.166147
                                                    Description: SpringRoll <extra Sauce> <extra Topping>
 Customer: 1128032093 <Catering>
                                  Price: 5.322165
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                  Price: 5.510037
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1128032093 <Catering>
                                  Price: 5.254020
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1128032093 <Catering>
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Customer: 1128032093 <Catering>
                                 Price: 5.202000
                                                 Description: EggRoll <extra Sauce> <extra Sauce>
 Customer: 1128032093 <Catering>
                                 Price: 5.439487
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1128032093 <Catering>
                                 Price: 6.181200
                                                  Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 1128032093 <Catering>
                                Price: 6.120000
                                                 Description: PastryRoll <extra Sauce>
                                                Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1066516207 < Casual>
                               Price: 6.462756
 Customer: 1066516207 < Casual>
                               Price: 6,625295
                                                Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1066516207 < Casual >
                               Price: 6.000000
                                                Description: PastryRoll
 Customer: 443308702 <Business>
                                Price: 5.983435
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 443308702 <Business>
                                Price: 5.638325
                                                 Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 443308702 <Business>
                                Price: 6.336036
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 443308702 <Business>
                                Price: 6.559698
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 935044096 <Casual>
                              #Exec: selected roll is sold out!
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 9
Product: EggRoll Total sell: 10
Product: PastryRoll Total sell: 16
Product: SpringRoll Total sell: 7
Product: SausageRoll Total sell: 7
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 31.668648
Customer: Catering Total bill: 165.086014
Customer: Business Total bill: 79.222641
Total payment: 275,977295
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 1
Customer: Catering Outage: 2
Customer: Business Outage: 3
Total outage: 6
Roll: 0
Jelly Roll: 21
Pastry Roll: 3
Spring Roll: 1
Sausage Roll: 0
--Food Store at <220 Summit Blvd> on <Day 14>-
****************************** Day Begin Inventory ****************************
     Roll: 30
Jelly Roll: 21
Pastry Roll: 3
Spring Roll: 1
Sausage Roll: 30
Customer: 396180261 <Catering>
                              #Exec: selected roll is sold out!
 Customer: 396180261 <Catering>
                               #Exec: selected roll is sold out!
                               Price: 4.799547
 Customer: 396180261 <Catering>
                                                Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 396180261 <Catering>
                               Price: 4.635900
                                                 Description: SausageRoll <extra Sauce> <extra Filling>
                               Price: 4.895538
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 396180261 <Catering>
 Customer: 396180261 <Catering>
                                Price: 4.682373
                                                 Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 396180261 <Catering>
                                Price: 4.636013
                                                 Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 396180261 <Catering>
                                Price: 5.895154
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 396180261 <Catering>
                               Price: 5.722200
                                                 Description: JellyRoll <extra Sauce> <extra Sauce>
```

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Customer: 396180261 <Catering>
                                 Price: 5.895154
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 396180261 <Catering>
                                 Price: 5.954105
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 396180261 <Catering>
                                 Price: 5.500000
                                                    Description: JellyRoll
Customer: 396180261 <Catering>
                                 Price: 5.348512
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 6.181350
Customer: 396180261 <Catering>
                                                    Description: PastryRoll <extra Topping> <extra Topping>
Customer: 396180261 <Catering>
                                 Price: 6.000000
                                                    Description: PastryRoll
Customer: 396180261 <Catering>
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 6.431076
Customer: 396180261 <Catering>
                                 Price: 5.254148
                                                    Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 625576447 <Casual>
                                #Exec: selected roll is sold out!
Customer: 1560911714 < Casual >
                                 Price: 5.837358
                                                   Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1560911714 < Casual>
                                 Price: 5.837358
                                                   Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1560911714 < Casual>
                                 Price: 5.694150
                                                   Description: JellyRoll <extra Sauce> <extra Topping>
Customer: 939047783 <Casual>
                                Price: 4.871541
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 939047783 <Casual>
                                Price: 4.567500
                                                  Description: SausageRoll <extra Topping>
Customer: 939047783 <Casual>
                                Price: 4.968971
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1237514926 < Casual>
                                 Price: 4.823308
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 548246552 <Catering>
                                 Price: 5.202636
                                                    Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
                                                    Description: EggRoll <extra Sauce> <extra Filling>
Customer: 548246552 <Catering>
                                 Price: 5.151000
Customer: 548246552 <Catering>
                                 Price: 5.176500
                                                    Description: EggRoll <extra Sauce> <extra Topping>
Customer: 548246552 <Catering>
                                 Price: 5.050000
                                                    Description: EggRoll <extra Filling>
Customer: 548246552 <Catering>
                                 Price: 5.125750
                                                    Description: EggRoll <extra Filling> <extra Topping>
Customer: 548246552 <Catering>
                                 Price: 4,681800
                                                    Description: SausageRoll <extra Sauce> <extra Sauce>
Customer: 548246552 <Catering>
                                 Price: 4.847068
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 548246552 <Catering>
                                 Price: 4.799547
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 548246552 <Catering>
                                 Price: 4.590000
                                                    Description: SausageRoll <extra Sauce>
Customer: 548246552 <Catering>
                                 Price: 4.847068
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 548246552 <Catering>
                                 Price: 5.895154
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 548246552 <Catering>
                                 Price: 5.983435
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 548246552 <Catering>
                                 Price: 5.837358
                                                    Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 548246552 <Catering>
                                 Price: 5.694150
                                                    Description: JellyRoll <extra Sauce> <extra Topping>
Customer: 548246552 <Catering>
                                 Price: 5.837358
                                                    Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 835648992 < Casual >
                                #Exec: selected roll is sold out!
Customer: 1134517053 < Casual>
                                 Price: 5.837358
                                                   Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 492228202 <Business>
                                 Price: 5.521079
Customer: 492228202 <Business>
                                 Price: 5.359100
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 492228202 <Business>
                                  Price: 5.555000
                                                    Description: JellyRoll <extra Filling>
                                                    Description: JellyRoll <extra Filling> <extra Topping>
Customer: 492228202 <Business>
                                  Price: 5.638325
Customer: 492228202 <Business>
                                 Price: 4.895538
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                 Price: 4.728733
Customer: 492228202 <Business>
                                                    Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1368884364 < Casual >
                                 Price: 5.779422 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 401625763 <Catering>
                                 #Exec: selected roll is sold out!
Customer: 401625763 <Catering>
                                 #Exec: selected roll is sold out!
Customer: 401625763 <Catering>
                                 #Exec: selected roll is sold out!
Customer: 401625763 <Catering>
                                                    Description: JellyRoll <extra Topping> <extra Topping>
                                 Price: 5.666237
Customer: 401625763 <Catering>
                                 Price: 5.954105
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 401625763 <Catering>
                                 Price: 5.610000
                                                    Description: JellyRoll <extra Sauce>
Customer: 401625763 <Catering>
                                 Price: 5.836644
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 401625763 <Catering>
                                 Price: 4.823308
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 401625763 <Catering>
                                 Price: 4.823308
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
```

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Customer: 401625763 <Catering>
                              Price: 4.775436
                                               Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 401625763 < Catering>
                               Price: 4.823308
                                               Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 401625763 <Catering>
                               Price: 4.968971
                                               Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 401625763 < Catering>
                              Price: 4,635900
                                               Description: SausageRoll <extra Sauce> <extra Filling>
                                               Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 401625763 <Catering>
                              Price: 4.799547
 Customer: 401625763 <Catering>
                              Price: 4.823308
                                               Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 401625763 < Catering>
                              Price: 4.823308
                                               Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 401625763 <Catering>
                              Price: 4.823308
                                               Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 401625763 <Catering>
                              Price: 4.635900
                                               Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 772777427 <Casual>
                             #Exec: selected roll is sold out!
 Customer: 83954662 <Casual>
                            Price: 4.823308
                                            Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 83954662 <Casual>
                            Price: 4.847068
                                            Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1751075886 < Casual>
                              #Exec: selected roll is sold out!
 Customer: 2108649164 < Casual >
                              #Exec: selected roll is sold out!
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 21
Product: EggRoll Total sell: 8
Product: PastryRoll Total sell: 3
Product: SpringRoll Total sell: 1
Product: SausageRoll Total sell: 29
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 57.887341
Customer: Catering Total bill: 236.372421
Customer: Business Total bill: 31.697775
Total payment: 325.957550
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 5
Customer: Catering Outage: 5
Customer: Business Outage: 2
Total outage: 12
Egg Roll: 22
Jelly Roll: 0
Pastry Roll: 0
Spring Roll: 0
Sausage Roll: 1
--Food Store at <220 Summit Blvd> on <Day 15>--
Egg Roll: 22
Jelly Roll: 30
Pastry Roll: 30
Spring Roll: 30
Sausage Roll: 1
Customer: 777874839 <Casual>
                                             Price: 5.510037
 Customer: 777874839 < Casual >
                             Price: 5.510037
                                             Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 777874839 < Casual >
                             Price: 5.243639
                                             Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 596512129 <Casual>
                             Price: 6.060000
                                             Description: PastryRoll <extra Filling>
 Customer: 596512129 <Casual>
                             Price: 6.336036
                                             Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
```

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Customer: 596512129 <Casual>
                               Customer: 824318946 <Catering>
                                 #Exec: selected roll is sold out!
                                                   Description: SausageRoll
Customer: 824318946 <Catering>
                                 Price: 4.500000
                                 Price: 5.924193
Customer: 824318946 <Catering>
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 824318946 <Catering>
                                 Price: 5.610000
                                                   Description: JellvRoll <extra Sauce>
Customer: 824318946 <Catering>
                                                   Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
                                Price: 5.751091
Customer: 824318946 <Catering>
                                Price: 5.808033
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 824318946 <Catering>
                                 Price: 5.638325
                                                   Description: JellyRoll <extra Filling> <extra Topping>
Customer: 824318946 <Catering>
                                Price: 5.412822
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 824318946 <Catering>
                                 Price: 5.280030
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 824318946 < Catering>
                                 Price: 5.151125
                                                   Description: EggRoll <extra Topping> <extra Topping>
                                 Price: 5.254148
Customer: 824318946 < Catering>
                                                   Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 5.306040
Customer: 824318946 < Catering>
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 824318946 <Catering>
                                 Price: 6.559698
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 824318946 <Catering>
                                 Price: 6.527384
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 824318946 <Catering>
                                Price: 6.060000
                                                   Description: PastryRoll <extra Filling>
Customer: 824318946 <Catering>
                                Price: 6.527384
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 930990596 < Casual >
                               Price: 5.243512
                                                 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1921595561 <Casual>
                                Price: 6.462756
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 565760380 < Casual >
                               Price: 6.073187
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 565760380 < Casual>
                               Price: 5.779562
                                                 Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 6566818 <Casual>
                             Price: 4.990000
                                               Description: SpringRoll
Customer: 6566818 <Casual>
                             Price: 5.510037
                                               Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1494279232 <Business>
                                  Price: 5.332830
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1494279232 <Business>
                                  Price: 5.306689
                                                    Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.808033
Customer: 1494279232 <Business>
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1494279232 <Business>
                                  Price: 5.638325
                                                    Description: JellyRoll <extra Filling> <extra Topping>
                                  Price: 6.304824
Customer: 1494279232 <Business>
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1494279232 <Business>
                                  Price: 6.242400
                                                    Description: PastryRoll <extra Sauce> <extra Sauce>
                                  Price: 5.089800
                                                    Description: SpringRoll <extra Sauce>
Customer: 1494279232 <Business>
Customer: 1494279232 <Business>
                                  Price: 5.192231
                                                    Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.694150
Customer: 1650967483 <Catering>
                                                    Description: JellyRoll <extra Sauce> <extra Topping>
Customer: 1650967483 <Catering>
                                  Price: 5.500000
                                                    Description: JellyRoll
Customer: 1650967483 <Catering>
                                  Price: 5.722200
                                                    Description: JellyRoll <extra Sauce> <extra Sauce>
Customer: 1650967483 <Catering>
                                  Price: 5.954105
                                                    Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.779422
Customer: 1650967483 <Catering>
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1650967483 <Catering>
                                  Price: 6.243164
                                                    Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1650967483 <Catering>
                                  Price: 6.000000
                                                    Description: PastryRoll
Customer: 1650967483 <Catering>
                                  Price: 6.462756
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1650967483 <Catering>
                                  Price: 6.462756
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                  Price: 6.243164
                                                    Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1650967483 < Catering>
                                  Price: 5.412822
Customer: 1650967483 <Catering>
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1650967483 <Catering>
                                  Price: 5.359100
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1650967483 <Catering>
                                  Price: 5.202000
                                                    Description: EggRoll <extra Sauce> <extra Sauce>
Customer: 1650967483 <Catering>
                                  Price: 5.202636
                                                    Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1650967483 <Catering>
                                  Price: 5.254148
                                                    Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
```

----> Count inventory orders by roll type <----Product: JellyRoll Total sell: 14

Product: EggRoll Total sell: 12 Product: PastryRoll Total sell: 15 Product: SpringRoll Total sell: 8

```
Product: SausageRoll Total sell: 1
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 69.086052
Customer: Catering Total bill: 171.802689
Customer: Business Total bill: 44.915131
Total payment: 285.803864
----> Orders impacted by a roll outage by customer type <----
Customer: Catering Outage: 1
Customer: Business Outage: 1
Total outage: 2
Egg Roll: 10
Jelly Roll: 16
Pastry Roll: 15
Spring Roll: 22
Sausage Roll: 0
-Food Store at <220 Summit Blvd> on <Day 16>-
Roll: 10
Egg
Jelly Roll: 16
Pastry Roll: 15
Spring Roll: 22
Sausage Roll: 30
****************************** Day Begin Inventory ***********************
 Customer: 87285178 <Casual>
                              Price: 5.983435
                                               Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 87285178 <Casual>
                              Price: 5.610000
                                               Description: JellyRoll <extra Sauce>
 Customer: 87285178 <Casual>
                              Price: 5.954105
                                               Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 610998173 <Catering>
                                Price: 4.705439
                                                  Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 610998173 <Catering>
                                 Price: 4.613175
                                                  Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 610998173 < Catering>
                                Price: 4.500000
                                                  Description: SausageRoll
                                                  Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 610998173 < Catering>
                                Price: 4.636013
 Customer: 610998173 < Catering>
                                Price: 4.658850
                                                  Description: SausageRoll <extra Sauce> <extra Topping>
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 610998173 < Catering>
                                Price: 6.559698
 Customer: 610998173 <Catering>
                                                  Description: PastryRoll <extra Sauce>
                                Price: 6.120000
 Customer: 610998173 <Catering>
                                Price: 6.625295
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 610998173 < Catering>
                                Price: 6.431076
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 610998173 < Catering>
                                                  Description: PastryRoll <extra Sauce> <extra Filling>
                                Price: 6.181200
                                                  Description: JellyRoll <extra Sauce> <extra Topping>
 Customer: 610998173 < Catering>
                                Price: 5.694150
 Customer: 610998173 < Catering>
                                 Price: 5.555000
                                                  Description: JellyRoll <extra Filling>
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 610998173 < Catering>
                                 Price: 6.013056
 Customer: 610998173 < Catering>
                                 Price: 5.722200
                                                  Description: JellyRoll <extra Sauce> <extra Sauce>
 Customer: 610998173 < Catering>
                                Price: 5.638325
                                                  Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 2047329716 <Business>
                                  Price: 5.466415
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2047329716 <Business>
                                 Price: 5.439487
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2047329716 <Business>
                                  Price: 5.924193
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2047329716 <Business>
                                 Price: 5.954105
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2047329716 <Business>
                                  Price: 6.243164
                                                   Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 2047329716 <Business>
                                  Price: 6.495388
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 4.847068
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2047329716 <Business>
 Customer: 2047329716 <Business>
                                  Price: 4.823308
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2047329716 <Business>
                                  Price: 5.295428
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 2047329716 <Business>
                                 Price: 5.401998
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
```

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Customer: 648129364 <Catering>
                                  Price: 5.666100
                                                     Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 648129364 < Catering>
                                   Price: 5.582500
                                                     Description: JellyRoll <extra Topping>
 Customer: 648129364 <Catering>
                                   Price: 5.837358
                                                     Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 648129364 < Catering>
                                   Price: 5.924193
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                  Price: 6.013056
 Customer: 648129364 < Catering>
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 648129364 < Catering>
                                  Price: 6.430920
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 648129364 <Catering>
                                  Price: 6.559698
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 648129364 <Catering>
                                  Price: 6.431076
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 648129364 <Catering>
                                  Price: 6.431076
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 648129364 <Catering>
                                  Price: 6.462756
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 648129364 <Catering>
                                  Price: 4.895538
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 648129364 < Catering >
                                   Price: 4.728733
                                                     Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 648129364 <Catering>
                                   Price: 4.775436
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                   Price: 4.728618
 Customer: 648129364 <Catering>
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 648129364 <Catering>
                                   Price: 4.635900
                                                     Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 1029991479 <Business>
                                    Price: 5.202636
                                                      Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1029991479 <Business>
                                    Price: 5.359100
                                                      Description: EdgRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1029991479 <Business>
                                    Price: 6.304977
                                                      Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1029991479 <Business>
                                    Price: 6.090000
                                                      Description: PastryRoll <extra Topping>
 Customer: 1029991479 <Business>
                                    Price: 4.545000
                                                      Description: SausageRoll <extra Filling>
 Customer: 1029991479 <Business>
                                    Price: 4.728733
                                                      Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1029991479 <Business>
                                    Price: 5.192231
                                                      Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1029991479 <Business>
                                   Price: 5.322165
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1104106489 < Casual >
                                  Price: 5.269470
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1104106489 < Casual>
                                  Price: 5.428608
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1104106489 < Casual >
                                  Price: 5.428608
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 94438417 <Catering>
                                  #Exec: selected roll is sold out!
 Customer: 94438417 <Catering>
                                  #Exec: selected roll is sold out!
 Customer: 94438417 <Catering>
                                  Price: 6.013056 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 94438417 <Catering>
                                  Price: 5.510037
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 94438417 <Catering>
                                  Price: 5.140822
                                                    Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 94438417 <Catering>
                                  Price: 5.322165
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                  Price: 5.191596
                                                    Description: SpringRoll <extra Sauce> <extra Sauce>
 Customer: 94438417 <Catering>
 Customer: 94438417 <Catering>
                                  Price: 5.039900
                                                    Description: SpringRoll <extra Filling>
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 94438417 <Catering>
                                  Price: 5.359230
                                  Price: 5.521079
 Customer: 94438417 <Catering>
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 94438417 <Catering>
                                  Price: 5,202636
                                                    Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 94438417 <Catering>
                                  Price: 5.202000
                                                    Description: EggRoll <extra Sauce> <extra Sauce>
 Customer: 94438417 <Catering>
                                  Price: 5.332830
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 94438417 <Catering>
                                                    Description: PastryRoll <extra Filling>
                                  Price: 6.060000
 Customer: 94438417 < Catering>
                                  Price: 4.681800
                                                    Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 94438417 < Catering>
                                  Price: 4.823191
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 94438417 < Catering>
                                  Price: 4.682373
                                                    Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 787604730 < Casual>
                                 Price: 5.295428
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 16
Product: EggRoll Total sell: 9
Product: PastryRoll Total sell: 15
Product: SpringRoll Total sell: 13
Product: SausageRoll Total sell: 17
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 38,969654
Customer: Catering Total bill: 247.839111
```

```
Customer: Business Total bill: 98.635384
Total payment: 385.444153
----> Orders impacted by a roll outage by customer type <----
Customer: Catering Outage: 2
Customer: Business Outage: 1
Total outage: 3
Jelly Roll: 0
Pastry Roll: 0
Spring Roll: 9
Sausage Roll: 13
--Food Store at <220 Summit Blvd> on <Day 17>-
Roll: 1
Jelly Roll: 30
Pastry Roll: 30
Spring Roll: 9
Sausage Roll: 13
****************************** Day Begin Inventory **********************
 Customer: 812265671 <Catering>
                                 Price: 6.495388
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 812265671 <Catering>
                                 Price: 6.060000
                                                  Description: PastryRoll <extra Filling>
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 812265671 <Catering>
                                Price: 6.462756
 Customer: 812265671 <Catering>
                                Price: 6.243164
                                                  Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 812265671 <Catering>
                                Price: 6.273918
                                                  Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 812265671 <Catering>
                                 Price: 5.808033
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 812265671 < Catering>
                                 Price: 5.722200
                                                  Description: JellyRoll <extra Sauce> <extra Sauce>
 Customer: 812265671 <Catering>
                                Price: 5.983435
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 812265671 <Catering>
                                Price: 6.073187
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 812265671 <Catering>
                                 Price: 5.666100
                                                  Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 812265671 < Catering>
                                 Price: 4.728618
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 812265671 < Catering>
                                 Price: 4.776020
                                                  Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 812265671 <Catering>
                                 Price: 4.500000
                                                  Description: SausageRoll
 Customer: 812265671 < Catering>
                                 Price: 4.636013
                                                  Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 812265671 <Catering>
                                Price: 4.658850
                                                  Description: SausageRoll <extra Sauce> <extra Topping>
 Customer: 193064360 < Casual >
                               Price: 5.125750
                                                Description: EggRoll <extra Filling> <extra Topping>
 Customer: 109961541 < Casual >
                               Price: 6.000000
                                                Description: PastryRoll
 Customer: 670700378 < Catering>
                                 #Exec: selected roll is sold out!
 Customer: 670700378 < Catering>
                                 Price: 6.181350
                                                  Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 670700378 < Catering>
                                 Price: 6.367248
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 670700378 < Catering>
                                 Price: 6.181200
                                                  Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 670700378 < Catering>
                                 Price: 6.336036
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 670700378 < Catering>
                                 Price: 6.495388
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 670700378 < Catering>
                                 Price: 4.705439
                                                  Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 670700378 < Catering>
                                 Price: 4.681800
                                                  Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 670700378 <Catering>
                                Price: 4.635900
                                                  Description: SausageRoll <extra Sauce> <extra Filling>
                                 Price: 4.567500
 Customer: 670700378 <Catering>
                                                  Description: SausageRoll <extra Topping>
 Customer: 670700378 <Catering>
                                 Price: 4.635900
                                                  Description: SausageRoll <extra Sauce> <extra Filling>
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 670700378 <Catering>
                                 Price: 5.924193
 Customer: 670700378 < Catering>
                                 Price: 5.895010
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 670700378 < Catering>
                                 Price: 5.500000
                                                  Description: JellyRoll
 Customer: 670700378 < Catering>
                                 Price: 5.722899
                                                  Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 670700378 <Catering>
                                 Price: 5.722899
                                                  Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
```

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Customer: 1190654826 < Casual >
                                Price: 6.431076
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1190654826 < Casual>
                                Price: 6.304977
                                                 Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1109371569 < Casual>
                                #Exec: selected roll is sold out!
 Customer: 728890494 < Casual >
                               #Exec: selected roll is sold out!
 Customer: 1558600329 < Casual>
                                Price: 5.751091
                                                 Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1558600329 < Casual>
                                Price: 5.808033
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 636718812 < Casual >
                               Price: 4.567500
                                                 Description: SausageRoll <extra Topping>
 Customer: 636718812 < Casual >
                               Price: 4.728733
                                                 Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 636718812 < Casual >
                               Price: 4.919774
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 445051633 <Business>
                                 Price: 5.895154
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                                  Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 445051633 <Business>
                                 Price: 5.751091
 Customer: 445051633 <Business>
                                 Price: 6.242400
                                                  Description: PastryRoll <extra Sauce> <extra Sauce>
 Customer: 445051633 <Business>
                                 Price: 6.273918
                                                  Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 445051633 <Business>
                                 Price: 5.089800
                                                  Description: SpringRoll <extra Sauce>
 Customer: 445051633 <Business>
                                 Price: 5.401998
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1051754451 < Casual>
                                #Exec: selected roll is sold out!
 Customer: 1349277854 < Casual >
                                #Exec: selected roll is sold out!
 Customer: 1775282465 < Casual >
                                Price: 6.336036
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1775282465 < Casual >
                                Price: 6.431076
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1147985808 < Casual>
                                Price: 5.924193
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2040495657 < Casual>
                                Price: 5.166147
                                                 Description: SpringRoll <extra Sauce> <extra Topping>
 Customer: 2040495657 <Casual>
                                Price: 5.166147
                                                 Description: SpringRoll <extra Sauce> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 15
Product: EggRoll Total sell: 1
Product: PastryRoll Total sell: 17
Product: SpringRoll Total sell: 4
Product: SausageRoll Total sell: 13
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 78.660530
Customer: Catering Total bill: 167.640427
Customer: Business Total bill: 34.654362
Total payment: 280.955322
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 4
Customer: Catering Outage: 1
Customer: Business Outage: 2
Total outage: 7
Egg Roll: 0
Jelly Roll: 15
Pastry Roll: 13
Spring Roll: 5
Sausage Roll: 0
```

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

Product: JellyRoll Total sell: 8
Product: EggRoll Total sell: 7

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Product: PastryRoll Total sell: 10
Product: SpringRoll Total sell: 5
Product: SausageRoll Total sell: 12
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 24.798424
Customer: Catering Total bill: 160.518707
Customer: Business Total bill: 43.972034
Total payment: 229.289169
----> Orders impacted by a roll outage by customer type <----
Customer: Business Outage: 1
Total outage: 1
Egg Roll: 23
Jelly Roll: 7
Pastry Roll: 3
Spring Roll: 0
Sausage Roll: 18
--Food Store at <220 Summit Blvd> on <Day 19>-
****************************** Day Begin Inventory ****************************
     Roll: 23
Jelly Roll: 7
Pastry Roll: 3
Spring Roll: 30
Sausage Roll: 18
****************************** Day Begin Inventory ***********************
 Customer: 1108411398 < Casual>
                                Price: 5.924193 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1394438858 < Casual>
                                Price: 6.090000
                                                 Description: PastryRoll <extra Topping>
 Customer: 584634336 < Casual >
                               Price: 5.638325
                                                Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 584634336 < Casual >
                               Price: 5.895010
                                                Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 584634336 < Casual >
                               Price: 5.610000
                                                Description: JellyRoll <extra Sauce>
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1469821799 <Casual>
                                Price: 4.871541
 Customer: 501263526 <Casual>
                               Price: 5.280030
                                                Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 501263526 <Casual>
                               Price: 5.254148
                                                Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 501263526 <Casual>
                               Price: 5.332830
                                                Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 626202354 <Casual>
                               #Exec: selected roll is sold out!
 Customer: 626202354 <Casual>
                               Price: 6.243164
                                                Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 626202354 <Casual>
                               Price: 6.243164
                                                Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1099983479 <Business>
                                                   Description: EggRoll <extra Filling>
                                  Price: 5.050000
 Customer: 1099983479 <Business>
                                  Price: 5.359230
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1099983479 <Business>
                                                   Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.954105
 Customer: 1099983479 <Business>
                                  Price: 5.924193
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1099983479 <Business>
                                  Price: 4.636013
                                                   Description: SausageRoll <extra Topping> <extra Topping>
                                  Price: 4.681800
 Customer: 1099983479 <Business>
                                                   Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 1099983479 <Business>
                                  Price: 5.428608
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1099983479 <Business>
                                  Price: 5.243639
                                                   Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1268447657 <Business>
                                  Price: 5.125750
                                                   Description: EggRoll <extra Filling> <extra Topping>
 Customer: 1268447657 <Business>
                                  Price: 5.151125
                                                   Description: EggRoll <extra Topping> <extra Topping>
 Customer: 1268447657 <Business>
                                  Price: 4.823191
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
```

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Customer: 1268447657 <Business>
                                   Price: 4.705439
                                                     Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 1268447657 <Business>
                                   Price: 5.269470
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1268447657 <Business>
                                   Price: 5.296075
                                                     Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1401420256 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 1401420256 <Catering>
                                   #Exec: selected roll is sold out!
                                   Price: 4.658850
                                                     Description: SausageRoll <extra Sauce> <extra Topping>
Customer: 1401420256 <Catering>
Customer: 1401420256 <Catering>
                                   Price: 4.919774
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1401420256 <Catering>
                                   Price: 4.919774
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1401420256 <Catering>
                                   Price: 4.728618
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
                                   Price: 4.635900
Customer: 1401420256 <Catering>
                                                     Description: SausageRoll <extra Sauce> <extra Filling>
                                   Price: 5.202000
                                                     Description: EggRoll <extra Sauce> <extra Sauce>
Customer: 1401420256 <Catering>
                                   Price: 5.254148
Customer: 1401420256 <Catering>
                                                     Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1401420256 <Catering>
                                   Price: 5.202000
                                                     Description: EggRoll <extra Sauce> <extra Sauce>
Customer: 1401420256 <Catering>
                                   Price: 5.202636
                                                     Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1401420256 <Catering>
                                   Price: 5.050000
                                                     Description: EggRoll <extra Filling>
                                                     Description: JellyRoll <extra Topping> <extra Topping>
Customer: 1401420256 <Catering>
                                   Price: 5.666237
Customer: 1401420256 <Catering>
                                   Price: 5.428608
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1401420256 <Catering>
                                   Price: 5.401998
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1401420256 <Catering>
                                   Price: 5.089800
                                                     Description: SpringRoll <extra Sauce>
Customer: 1401420256 <Catering>
                                   Price: 5.269470
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1851691492 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 1851691492 <Catering>
                                   Price: 5.064850
                                                     Description: SpringRoll <extra Topping>
Customer: 1851691492 <Catering>
                                   Price: 5.296075
                                                     Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1851691492 <Catering>
                                   Price: 4.990000
                                                     Description: SpringRoll
Customer: 1851691492 <Catering>
                                   Price: 4.990000
                                                     Description: SpringRoll
Customer: 1851691492 <Catering>
                                   Price: 5.322165
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1851691492 <Catering>
                                   Price: 5.125750
                                                     Description: EggRoll <extra Filling> <extra Topping>
Customer: 1851691492 <Catering>
                                   Price: 5.176500
                                                     Description: EggRoll <extra Sauce> <extra Topping>
Customer: 1851691492 <Catering>
                                                     Description: EggRoll <extra Topping> <extra Topping>
                                   Price: 5.151125
                                   Price: 5.466415
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1851691492 <Catering>
                                   Price: 5.280030
Customer: 1851691492 <Catering>
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1851691492 <Catering>
                                   Price: 4.567500
                                                     Description: SausageRoll <extra Topping>
Customer: 1851691492 <Catering>
                                   Price: 4.728733
                                                     Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1851691492 <Catering>
                                   Price: 4.799547
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1851691492 <Catering>
                                   Price: 4.545000
                                                     Description: SausageRoll <extra Filling>
Customer: 1851691492 <Catering>
                                   Price: 4.613175
                                                     Description: SausageRoll <extra Filling> <extra Topping>
Customer: 752848266 <Catering>
                                  #Exec: selected roll is sold out!
Customer: 752848266 <Catering>
                                  #Exec: selected roll is sold out!
                                  #Exec: selected roll is sold out!
Customer: 752848266 <Catering>
Customer: 752848266 <Catering>
                                  #Exec: selected roll is sold out!
                                  Price: 5.401998
Customer: 752848266 < Catering>
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 752848266 < Catering>
                                  Price: 5.348512
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 5.374859
Customer: 752848266 < Catering>
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 752848266 <Catering>
                                  Price: 5.115499
                                                     Description: SpringRoll <extra Filling> <extra Topping>
                                  Price: 5.243639
Customer: 752848266 < Catering>
                                                     Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 752848266 <Catering>
                                  Price: 4.799547
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 752848266 < Catering>
                                  Price: 4.658850
                                                     Description: SausageRoll <extra Sauce> <extra Topping>
Customer: 752848266 <Catering>
                                 Price: 4.681800
                                                     Description: SausageRoll <extra Sauce> <extra Sauce>
Customer: 752848266 <Catering>
                                 Price: 5.254148
                                                    Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 5.254148
Customer: 752848266 <Catering>
                                                    Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 752848266 < Catering >
                                  Price: 5.306689
                                                     Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 752848266 <Catering>
                                  Price: 5.000000
                                                     Description: EggRoll
Customer: 752848266 < Catering>
                                  Price: 5.000000
                                                     Description: EggRoll
Customer: 752848266 < Catering>
                                  Price: 5.359100
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
```

Customer: 815033865 < Casual>

#Exec: selected roll is sold out!

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Customer: 1555093762 <Casual>
                               #Exec: selected roll is sold out!
 Customer: 1190900417 < Casual>
                               Price: 5.455482 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 379110473 <Casual>
                              #Exec: selected roll is sold out!
 Customer: 99550389 <Business>
                               Price: 5.296075 Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 99550389 <Business>
                               Price: 5.269470 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1598924227 < Casual>
                               #Exec: selected roll is sold out!
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 7
Product: EggRoll Total sell: 23
Product: PastryRoll Total sell: 3
Product: SpringRoll Total sell: 21
Product: SausageRoll Total sell: 18
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 67.837883
Customer: Catering Total bill: 223.545441
Customer: Business Total bill: 83.214180
Total payment: 374.597504
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 5
Customer: Catering Outage: 7
Customer: Business Outage: 7
Total outage: 19
Egg Roll: 0
Jelly Roll: 0
Pastry Roll: 0
Spring Roll: 9
Sausage Roll: 0
---Food Store at <220 Summit Blvd> on <Dav 20>-
Roll: 30
Jelly Roll: 30
Pastry Roll: 30
Spring Roll: 9
Sausage Roll: 30
****************************** Day Begin Inventory **********************
 Customer: 1144748369 < Casual >
                              Price: 5.000000
                                               Description: EagRoll
 Customer: 1144748369 <Casual>
                               Price: 5.254020
                                               Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1144748369 <Casual>
                              Price: 5.385631
                                               Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 340870931 <Business>
                               Price: 5.228265
                                                Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 340870931 <Business>
                               Price: 5.202636
                                                Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 340870931 <Business>
                               Price: 5.500000
                                                Description: JellyRoll
 Customer: 340870931 <Business>
                               Price: 5.983435
                                                Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 340870931 <Business>
                               Price: 6.243164
                                                Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 340870931 <Business>
                               Price: 6.000000
                                                Description: PastryRoll
 Customer: 340870931 <Business>
                               Price: 4.752028
                                                Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 340870931 <Business>
                               Price: 4.636013
                                                Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 340870931 <Business>
                               Price: 5.191596
                                                Description: SpringRoll <extra Sauce> <extra Sauce>
```

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Customer: 340870931 <Business>
                                Price: 5.115499
                                                 Description: SpringRoll <extra Filling> <extra Topping>
 Customer: 1768305536 < Casual>
                                Price: 4.799547
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1530388690 < Casual>
                                Price: 4.919774
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1530388690 < Casual>
                                Price: 4.776020
                                                 Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1530388690 < Casual>
                                Price: 4.823191
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1146743572 <Casual>
                                Price: 5.694150
                                                 Description: JellyRoll <extra Sauce> <extra Topping>
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1146743572 <Casual>
                                Price: 5.779422
 Customer: 1146743572 < Casual>
                                Price: 5.610000
                                                 Description: JellyRoll <extra Sauce>
 Customer: 1512981843 < Casual>
                                Price: 5.610000
                                                 Description: JellyRoll <extra Sauce>
 Customer: 1512981843 < Casual>
                                Price: 5.808033
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1512981843 < Casual>
                                Price: 5.666100
                                                 Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 42768293 <Catering>
                                Price: 4.990000
                                                 Description: SpringRoll
 Customer: 42768293 <Catering>
                                Price: 5,243512
                                                 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 42768293 <Catering>
                                Price: 5.296075
                                                 Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 42768293 <Catering>
                                Price: 4.990000
                                                 Description: SpringRoll
 Customer: 42768293 <Catering>
                               Price: 5.269470
                                                 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 42768293 <Catering>
                               Price: 6.367248
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 42768293 <Catering>
                               Price: 6.559698
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 42768293 <Catering>
                                Price: 6.120000
                                                 Description: PastrvRoll <extra Sauce>
 Customer: 42768293 <Catering>
                               Price: 6.304824
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
                               Price: 6.273918
                                                 Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 42768293 <Catering>
 Customer: 42768293 <Catering>
                               Price: 5.151125
                                                 Description: EggRoll <extra Topping> <extra Topping>
 Customer: 42768293 <Catering>
                               Price: 5.151000
                                                 Description: EggRoll <extra Sauce> <extra Filling>
 Customer: 42768293 <Catering>
                               Price: 5.151125
                                                 Description: EggRoll <extra Topping> <extra Topping>
 Customer: 42768293 <Catering>
                                Price: 5.000000
                                                 Description: EggRoll
 Customer: 42768293 <Catering>
                               Price: 5.306689
                                                Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 8
Product: EggRoll Total sell: 10
Product: PastryRoll Total sell: 7
Product: SpringRoll Total sell: 7
Product: SausageRoll Total sell: 6
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 69.125893
Customer: Catering Total bill: 83.174675
Customer: Business Total bill: 53.852638
Total payment: 206.153198
Egg Roll: 20
Jelly Roll: 22
Pastry Roll: 23
Spring Roll: 2
Sausage Roll: 24
---Food Store at <220 Summit Blvd> on <Day 21>-
Egg Roll: 20
Jelly Roll: 22
Pastry Roll: 23
Spring Roll: 2
Sausage Roll: 24
```

```
***************************** Day Begin Inventory ******************
Customer: 1717159510 <Casual>
                                 Price: 5.254148
                                                   Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1717159510 < Casual>
                                 Price: 5.412822
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1834188994 <Casual>
                                 Price: 4.635900
                                                   Description: SausageRoll <extra Sauce> <extra Filling>
Customer: 1834188994 < Casual >
                                 Price: 4.968971
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1834188994 <Casual>
                                 Price: 4.823308
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1174361318 <Business>
                                   Price: 5.100000
                                                     Description: EggRoll <extra Sauce>
Customer: 1174361318 <Business>
                                   Price: 5.439487
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                                     Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 1174361318 <Business>
                                   Price: 5.751091
Customer: 1174361318 <Business>
                                   Price: 5.954105
                                                     Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1174361318 <Business>
                                   Price: 6.181350
                                                     Description: PastryRoll <extra Topping> <extra Topping>
Customer: 1174361318 <Business>
                                   Price: 6.625295
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1174361318 <Business>
                                   Price: 4.681800
                                                     Description: SausageRoll <extra Sauce> <extra Sauce>
Customer: 1174361318 <Business>
                                   Price: 4.545000
                                                     Description: SausageRoll <extra Filling>
Customer: 1174361318 <Business>
                                   Price: 5.140822
                                                     Description: SpringRoll <extra Topping> <extra Topping>
Customer: 1174361318 <Business>
                                   Price: 5.269470
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 589873731 < Casual >
                                Price: 4.823191
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 589873731 < Casual >
                                Price: 4.728733
                                                  Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 200006406 <Casual>
                                Price: 5.779562
                                                  Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 2052001577 < Casual>
                                 Price: 5.722899
                                                   Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1160264930 < Casual>
                                 Price: 6.273918
                                                  Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 544724190 < Casual >
                                Price: 6.073187
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1972439101 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 1972439101 <Catering>
                                   Price: 5.866113
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1972439101 <Catering>
                                   Price: 5.779422
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1972439101 <Catering>
                                   Price: 6.013056
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1972439101 <Catering>
                                   Price: 6.073187
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                   Price: 5.924193
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1972439101 <Catering>
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1972439101 <Catering>
                                   Price: 4.968971
Customer: 1972439101 <Catering>
                                   Price: 4.636013
                                                     Description: SausageRoll <extra Topping> <extra Topping>
Customer: 1972439101 <Catering>
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                   Price: 4.823308
Customer: 1972439101 <Catering>
                                   Price: 4.775436
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 1972439101 <Catering>
                                   Price: 4.823191
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1972439101 <Catering>
                                   Price: 5.359230
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1972439101 <Catering>
                                   Price: 5.359230
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1972439101 <Catering>
                                   Price: 5.125750
                                                     Description: EggRoll <extra Filling> <extra Topping>
Customer: 1972439101 <Catering>
                                   Price: 5.306040
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 1972439101 <Catering>
                                   Price: 5.202636
                                                     Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 2007328737 < Casual>
                                 Price: 5.439487
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1936628443 < Casual>
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                 Price: 4.799547
Customer: 1830908236 < Casual >
                                 #Exec: selected roll is sold out!
```

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

Product: JellyRoll Total sell: 10 Product: EggRoll Total sell: 10 Product: PastryRoll Total sell: 3 Product: SpringRoll Total sell: 2 Product: SausageRoll Total sell: 13

```
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 68,735680
Customer: Catering Total bill: 80.035774
Customer: Business Total bill: 54.688423
Total payment: 203.459869
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 1
Customer: Catering Outage: 1
Total outage: 2
Egg Roll: 10
Jelly Roll: 12
Pastry Roll: 20
Spring Roll: 0
Sausage Roll: 11
--Food Store at <220 Summit Blvd> on <Day 22>-
****************************** Day Begin Inventory ****************************
Egg Roll: 10
Jelly Roll: 12
Pastry Roll: 20
Spring Roll: 30
Sausage Roll: 11
************************************ Day Begin Inventory **********************
 Customer: 277630005 <Casual>
                               Price: 5.089800 Description: SpringRoll <extra Sauce>
 Customer: 1288354730 <Catering>
                                   Price: 6.073187
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1288354730 <Catering>
                                  Price: 5.610000
                                                    Description: JellyRoll <extra Sauce>
 Customer: 1288354730 <Catering>
                                  Price: 5.694150
                                                    Description: JellyRoll <extra Sauce> <extra Topping>
 Customer: 1288354730 <Catering>
                                  Price: 5.808033
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1288354730 <Catering>
                                  Price: 5.895154
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1288354730 <Catering>
                                  Price: 5.401998
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.039900
                                                    Description: SpringRoll <extra Filling>
 Customer: 1288354730 <Catering>
                                  Price: 5.401998
 Customer: 1288354730 <Catering>
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.217808
                                                    Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1288354730 <Catering>
 Customer: 1288354730 <Catering>
                                  Price: 5.140698
                                                    Description: SpringRoll <extra Sauce> <extra Filling>
 Customer: 1288354730 <Catering>
                                  Price: 6.367248
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1288354730 <Catering>
                                  Price: 6.495388
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                    Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
                                  Price: 6.273918
 Customer: 1288354730 <Catering>
 Customer: 1288354730 <Catering>
                                  Price: 6.243164
                                                    Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1288354730 <Catering>
                                  Price: 6.273918
                                                    Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1274370218 <Catering>
                                  Price: 6.242400
                                                    Description: PastryRoll <extra Sauce> <extra Sauce>
                                  Price: 6.243164
                                                    Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1274370218 <Catering>
 Customer: 1274370218 <Catering>
                                  Price: 6.181350
                                                    Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 1274370218 <Catering>
                                  Price: 6.181350
                                                    Description: PastryRoll <extra Topping> <extra Topping>
                                  Price: 6.273918
                                                    Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1274370218 <Catering>
 Customer: 1274370218 <Catering>
                                  Price: 5.348382
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1274370218 <Catering>
                                  Price: 5.191596
                                                    Description: SpringRoll <extra Sauce> <extra Sauce>
                                  Price: 5.243512
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1274370218 <Catering>
                                  Price: 5.269470
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1274370218 <Catering>
 Customer: 1274370218 <Catering>
                                  Price: 5.039900
                                                    Description: SpringRoll <extra Filling>
 Customer: 1274370218 <Catering>
                                  Price: 5.306689
                                                    Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1274370218 <Catering>
                                  Price: 5.075000
                                                    Description: EggRoll <extra Topping>
                                  Price: 5.075000
                                                    Description: EggRoll <extra Topping>
 Customer: 1274370218 <Catering>
 Customer: 1274370218 <Catering>
                                  Price: 5.332830
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
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Customer: 1274370218 <Catering>
                                 Price: 5.000000
                                                   Description: EggRoll
 Customer: 758705033 <Business>
                                 Price: 5.050000
                                                   Description: EggRoll <extra Filling>
 Customer: 758705033 <Business>
                                 Price: 5.359230
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 758705033 <Business>
                                 Price: 5.808033
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 758705033 <Business>
                                 Price: 6.013056
 Customer: 758705033 <Business>
                                                   Description: PastryRoll <extra Sauce> <extra Filling>
                                 Price: 6.181200
 Customer: 758705033 <Business>
                                 Price: 6.090000
                                                   Description: PastryRoll <extra Topping>
 Customer: 758705033 <Business>
                                 Price: 4.968971
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 758705033 <Business>
                                 Price: 4.635900
                                                   Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 758705033 <Business>
                                 Price: 5.348382
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 758705033 <Business>
                                 Price: 5.089800
                                                   Description: SpringRoll <extra Sauce>
 Customer: 1604839423 <Business>
                                  Price: 5.125750
                                                   Description: EggRoll <extra Filling> <extra Topping>
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1604839423 <Business>
                                  Price: 5.306040
 Customer: 1604839423 <Business>
                                  Price: 5.666100
                                                   Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 1604839423 <Business>
                                  Price: 5.924193
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1604839423 <Business>
                                  Price: 6.181200
                                                   Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 1604839423 <Business>
                                  Price: 6.367248
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1604839423 <Business>
                                  Price: 4.682373
                                                   Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1604839423 <Business>
                                  Price: 4.847068
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1604839423 <Business>
                                  Price: 5.039900
                                                   Description: SpringRoll <extra Filling>
 Customer: 1604839423 <Business>
                                  Price: 5.296075
                                                   Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellvRoll Total sell: 9
Product: EggRoll Total sell: 9
Product: PastryRoll Total sell: 14
Product: SpringRoll Total sell: 15
Product: SausageRoll Total sell: 4
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 5.089800
Customer: Catering Total bill: 169.941116
Customer: Business Total bill: 108.980522
Total payment: 284.011444
Egg Roll: 1
Jelly Roll: 3
Pastry Roll: 6
Spring Roll: 15
Sausage Roll: 7
--Food Store at <220 Summit Blvd> on <Day 23>-
****************************** Day Begin Inventory ****************************
Egg Roll: 1
Jelly Roll: 3
Pastry Roll: 6
Spring Roll: 15
Sausage Roll: 7
***************************** Day Begin Inventory **********************
 Customer: 1177096266 <Casual>
                                                 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
                                Price: 5.243512
 Customer: 1177096266 <Casual>
                                                 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                Price: 5.510037
 Customer: 1177096266 < Casual>
                                Price: 5.191596
                                                 Description: SpringRoll <extra Sauce> <extra Sauce>
 Customer: 670576685 < Casual >
                               Price: 4.681800
                                                 Description: SausageRoll <extra Sauce> <extra Sauce>
                               Price: 4.775436
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 670576685 < Casual>
 Customer: 670576685 < Casual>
                               Price: 4.823191
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
```

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Customer: 1299641336 <Casual>
                                   Price: 5.140822
                                                    Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 764308918 < Casual >
                                  Price: 5.295428
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                  Price: 5.295428
 Customer: 764308918 < Casual >
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 598446861 < Casual >
                                  Price: 5.866113
 Customer: 598446861 < Casual >
                                  Price: 5.666237
                                                    Description: JellyRoll <extra Topping> <extra Topping>
 Customer: 598446861 < Casual >
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
                                  Price: 5.779422
 Customer: 1161082381 <Business>
                                     Price: 6.367248
                                                       Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1161082381 <Business>
                                     Price: 6.304824
                                                       Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1161082381 <Business>
                                     Price: 4.799547
                                                       Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1161082381 <Business>
                                     Price: 4.799547
                                                       Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1161082381 <Business>
                                    Price: 5.322165
                                                       Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1161082381 <Business>
                                    Price: 5.295428
                                                       Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1067938912 < Casual>
                                   #Exec: selected roll is sold out!
 Customer: 1067938912 < Casual>
                                   Price: 5.125750 Description: EggRoll <extra Filling> <extra Topping>
 Customer: 1637506559 <Business>
                                     Price: 6.000000
                                                       Description: PastryRoll
 Customer: 1637506559 <Business>
                                     Price: 6.000000
                                                       Description: PastryRoll
 Customer: 1637506559 <Business>
                                     Price: 4.681800
                                                       Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 1637506559 <Business>
                                     Price: 4.658850
                                                       Description: SausageRoll <extra Sauce> <extra Topping>
                                     Price: 5.374859
                                                       Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1637506559 <Business>
 Customer: 1637506559 <Business>
                                    Price: 5.295428
                                                       Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 517380410 < Casual>
                                  Price: 5.217808 Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2117255219 <Casual>
                                   #Exec: selected roll is sold out!
 Customer: 2058534881 <Catering>
                                    #Exec: selected roll is sold out!
 Customer: 2058534881 < Catering>
                                     #Exec: selected roll is sold out!
 Customer: 2058534881 <Catering>
                                     #Exec: selected roll is sold out!
 Customer: 2058534881 <Catering>
                                     #Exec: all roll are sold out, store is going to close today!
                                     Price: 6.150900 Description: PastryRoll <extra Filling> <extra Topping>
 Customer: 2058534881 <Catering>
 Customer: 2058534881 <Catering>
                                     Price: 6.527384
                                                       Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2058534881 <Catering>
                                    Price: 4.990000
                                                       Description: SpringRoll
 Customer: 2058534881 <Catering>
                                                       Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
                                    Price: 5.217808
 Customer: 2058534881 <Catering>
                                    Price: 5.401998
                                                       Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2058534881 <Catering>
                                    Price: 5.089800
                                                       Description: SpringRoll <extra Sauce>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 3
Product: EggRoll Total sell: 1
Product: PastryRoll Total sell: 6
Product: SpringRoll Total sell: 15
Product: SausageRoll Total sell: 7
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 73.612587
Customer: Catering Total bill: 33.377892
Customer: Business Total bill: 64.899696
Total payment: 171.890167
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 2
Customer: Catering Outage: 4
Customer: Business Outage: 4
```

```
Total outage: 10
Roll: 0
Jelly Roll: 0
Pastry Roll: 0
Spring Roll: 0
Sausage Roll: 0
--Food Store at <220 Summit Blvd> on <Day 24>-
Egg Roll: 30
Jelly Roll: 30
Pastry Roll: 30
Spring Roll: 30
Sausage Roll: 30
************************************* Day Begin Inventory **********************
 Customer: 1232367853 < Casual>
                               Price: 6.013056
                                                Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1232367853 <Casual>
                               Price: 5.666100
                                                 Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 1673605040 < Casual >
                               Price: 6.073187
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1673605040 < Casual>
                               Price: 5.983435
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 186276003 <Casual>
                                                Description: PastryRoll <extra Topping>
                               Price: 6.090000
                               Price: 6.120000
 Customer: 186276003 <Casual>
                                                Description: PastryRoll <extra Sauce>
 Customer: 1681433494 <Catering>
                                 Price: 5.954105
                                                   Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1681433494 <Catering>
                                 Price: 5.779562
                                                   Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1681433494 <Catering>
                                 Price: 5.895154
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1681433494 <Catering>
                                 Price: 5.751091
                                                   Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1681433494 <Catering>
                                 Price: 5.954105
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                 Price: 5.000000
 Customer: 1681433494 <Catering>
                                                  Description: EggRoll
 Customer: 1681433494 <Catering>
                                 Price: 5.100000
                                                   Description: EggRoll <extra Sauce>
 Customer: 1681433494 <Catering>
                                 Price: 5.000000
                                                   Description: EggRoll
 Customer: 1681433494 <Catering>
                                 Price: 5.332830
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                 Price: 5.050000
                                                   Description: EggRoll <extra Filling>
 Customer: 1681433494 <Catering>
                                 Price: 4.919774
 Customer: 1681433494 <Catering>
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                 Price: 4.728618
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1681433494 <Catering>
 Customer: 1681433494 <Catering>
                                 Price: 4.636013
                                                   Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 1681433494 <Catering>
                                 Price: 4.871541
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1681433494 <Catering>
                                 Price: 4.682373
                                                   Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 237061348 <Casual>
                               Price: 5.521079
                                                Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 237061348 <Casual>
                               Price: 5.228265
                                                Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 237061348 <Casual>
                               Price: 5.228265
                                                Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1685538367 < Casual>
                               Price: 5.306040
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1685538367 < Casual>
                               Price: 5.075000
                                                 Description: EggRoll <extra Topping>
 Customer: 1685538367 < Casual>
                               Price: 5,254148
                                                Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1030870354 < Casual>
                               Price: 6.527384
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1030870354 < Casual >
                               Price: 6.000000
                                                 Description: PastrvRoll
 Customer: 1030870354 < Casual>
                               Price: 6.430920
                                                Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 485815673 <Casual>
                               Price: 6.304977
                                                Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 410424423 <Casual>
                               Price: 5.151125
                                                Description: EggRoll <extra Topping> <extra Topping>
 Customer: 410424423 <Casual>
                                                Description: EggRoll <extra Sauce>
                               Price: 5.100000
```

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Customer: 1190035432 <Casual>
                               Price: 5.455482
                                                Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1190035432 <Casual>
                               Price: 5.115499
                                                Description: SpringRoll <extra Filling> <extra Topping>
 Customer: 1190035432 <Casual>
                               Price: 5.401998
                                                Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1963387170 <Business>
                                 Price: 5.000000
                                                  Description: EggRoll
 Customer: 1963387170 <Business>
                                 Price: 5.385631
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                                  Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1963387170 <Business>
                                 Price: 5.837358
 Customer: 1963387170 <Business>
                                 Price: 5.555000
                                                  Description: JellyRoll <extra Filling>
 Customer: 1963387170 <Business>
                                 Price: 6.495388
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1963387170 <Business>
                                 Price: 6.368027
                                                  Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1963387170 <Business>
                                 Price: 4.636013
                                                  Description: SausageRoll <extra Topping> <extra Topping>
                                 Price: 4.681800
                                                  Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 1963387170 <Business>
 Customer: 1963387170 <Business>
                                 Price: 5.064850
                                                  Description: SpringRoll <extra Topping>
 Customer: 1963387170 <Business>
                                 Price: 5.295428
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 11
Product: EggRoll Total sell: 15
Product: PastryRoll Total sell: 8
Product: SpringRoll Total sell: 5
Product: SausageRoll Total sell: 7
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 119,045959
Customer: Catering Total bill: 78.655159
Customer: Business Total bill: 54,319496
Total payment: 252.020599
Egg Roll: 15
Jelly Roll: 19
Pastry Roll: 22
Spring Roll: 25
Sausage Roll: 23
---Food Store at <220 Summit Blvd> on <Day 25>-
Roll: 15
Jellv Roll: 19
Pastry Roll: 22
Spring Roll: 25
Sausage Roll: 23
******************************* Day Begin Inventory *********************
 Customer: 1323468230 < Casual >
                               Price: 5.140822 Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 1645995473 <Casual>
                               Price: 5.359230
                                                Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1463801669 <Business>
                                                  Description: EggRoll <extra Topping>
                                 Price: 5.075000
 Customer: 1463801669 <Business>
                                 Price: 5.439487
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1463801669 <Business>
                                 Price: 5.555000
                                                  Description: JellyRoll <extra Filling>
 Customer: 1463801669 <Business>
                                 Price: 5.954105
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1463801669 <Business>
                                 Price: 6.120000
                                                  Description: PastryRoll <extra Sauce>
                                 Price: 6.431076
 Customer: 1463801669 <Business>
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1463801669 <Business>
                                 Price: 4.968971
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                 Price: 4.823308
 Customer: 1463801669 <Business>
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1463801669 <Business>
                                 Price: 5.295428
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1463801669 <Business>
                                 Price: 4.990000
                                                  Description: SpringRoll
 Customer: 355629945 <Casual>
                               Price: 5.694150 Description: JellyRoll <extra Sauce> <extra Topping>
```

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Customer: 355629945 < Casual >
                               Price: 5.638325 Description: JellyRoll <extra Filling> <extra Topping>
Customer: 1327763628 <Catering>
                                   Price: 4.567500
                                                     Description: SausageRoll <extra Topping>
                                                     Description: SausageRoll <extra Filling>
Customer: 1327763628 <Catering>
                                   Price: 4.545000
                                   Price: 4.847068
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1327763628 <Catering>
                                   Price: 4.752028
Customer: 1327763628 <Catering>
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
                                   Price: 4.752028
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1327763628 <Catering>
Customer: 1327763628 <Catering>
                                   Price: 5.610000
                                                     Description: JellyRoll <extra Sauce>
Customer: 1327763628 <Catering>
                                   Price: 5.638325
                                                     Description: JellyRoll <extra Filling> <extra Topping>
Customer: 1327763628 <Catering>
                                   Price: 5.500000
                                                     Description: JellyRoll
                                   Price: 5.610000
                                                     Description: JellyRoll <extra Sauce>
Customer: 1327763628 <Catering>
Customer: 1327763628 <Catering>
                                   Price: 5.666237
                                                     Description: JellyRoll <extra Topping> <extra Topping>
                                   Price: 5.254148
Customer: 1327763628 <Catering>
                                                     Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1327763628 <Catering>
                                   Price: 5.306689
                                                     Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1327763628 <Catering>
                                   Price: 5.332830
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1327763628 <Catering>
                                   Price: 5.306689
                                                     Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1327763628 <Catering>
                                   Price: 5.306040
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 1915503092 <Casual>
                                 Price: 4.847068
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1915503092 < Casual>
                                 Price: 4.590000
                                                   Description: SausageRoll <extra Sauce>
Customer: 1915503092 < Casual>
                                 Price: 4.895538
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1535128843 <Catering>
                                   Price: 5.176500
                                                     Description: EggRoll <extra Sauce> <extra Topping>
Customer: 1535128843 <Catering>
                                   Price: 5.050000
                                                     Description: EggRoll <extra Filling>
Customer: 1535128843 <Catering>
                                   Price: 5.466415
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1535128843 <Catering>
                                   Price: 5.176500
                                                     Description: EggRoll <extra Sauce> <extra Topping>
Customer: 1535128843 < Catering>
                                   Price: 5.100000
                                                     Description: EggRoll <extra Sauce>
Customer: 1535128843 <Catering>
                                   Price: 6.527384
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1535128843 <Catering>
                                   Price: 6.625295
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1535128843 <Catering>
                                   Price: 6.211800
                                                     Description: PastryRoll <extra Sauce> <extra Topping>
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 1535128843 <Catering>
                                   Price: 6.367248
                                   Price: 6.527384
Customer: 1535128843 <Catering>
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1535128843 <Catering>
                                   Price: 5.140822
                                                     Description: SpringRoll <extra Topping> <extra Topping>
Customer: 1535128843 <Catering>
                                   Price: 5.039900
                                                     Description: SpringRoll <extra Filling>
Customer: 1535128843 <Catering>
                                   Price: 5.322165
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                   Price: 5.296075
                                                     Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1535128843 <Catering>
Customer: 1535128843 <Catering>
                                   Price: 5.455482
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                   Price: 5.295428
Customer: 1567581361 <Catering>
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 1567581361 <Catering>
                                   Price: 5.191596
                                                     Description: SpringRoll <extra Sauce> <extra Sauce>
Customer: 1567581361 <Catering>
                                   Price: 5.348512
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                   Price: 5.166147
                                                     Description: SpringRoll <extra Sauce> <extra Topping>
Customer: 1567581361 <Catering>
                                   Price: 5.348512
Customer: 1567581361 <Catering>
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1567581361 <Catering>
                                   Price: 5.983435
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1567581361 <Catering>
                                   Price: 5.895154
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1567581361 <Catering>
                                   Price: 6.073187
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1567581361 <Catering>
                                   Price: 5.666237
                                                     Description: JellyRoll <extra Topping> <extra Topping>
Customer: 1567581361 <Catering>
                                   Price: 5.808033
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1567581361 <Catering>
                                   Price: 4.871541
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                                     Description: SausageRoll <extra Sauce>
Customer: 1567581361 <Catering>
                                   Price: 4.590000
Customer: 1567581361 <Catering>
                                   Price: 4.728618
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1567581361 <Catering>
                                   Price: 4.635900
                                                     Description: SausageRoll <extra Sauce> <extra Filling>
                                   Price: 4.705439
Customer: 1567581361 <Catering>
                                                     Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 849460928 < Casual >
                                Price: 5.610000
                                                  Description: JellyRoll <extra Sauce>
Customer: 849460928 < Casual >
                                Price: 5.694150
                                                  Description: JellyRoll <extra Sauce> <extra Topping>
```

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Product: EggRoll Total sell: 13
Product: PastryRoll Total sell: 7
Product: SpringRoll Total sell: 13
Product: SausageRoll Total sell: 15
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 47,469284
Customer: Catering Total bill: 241.785263
Customer: Business Total bill: 54.652374
Total payment: 343.906921
Egg Roll: 2
Jelly Roll: 3
Pastry Roll: 15
Spring Roll: 12
Sausage Roll: 8
--Food Store at <220 Summit Blvd> on <Day 26>-
****************************** Day Begin Inventory ****************************
    Roll: 2
Jelly Roll: 3
Pastry Roll: 15
Spring Roll: 12
Sausage Roll: 8
Customer: 580024961 <Casual>
                               Price: 5.779422
                                                Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 580024961 <Casual>
                               Price: 5.722200
                                                Description: JellyRoll <extra Sauce> <extra Sauce>
 Customer: 580024961 <Casual>
                               Price: 5.500000
                                                Description: JellvRoll
 Customer: 2027961269 < Casual >
                               #Exec: selected roll is sold out!
 Customer: 1586270964 <Catering>
                                 #Exec: selected roll is sold out!
 Customer: 1586270964 <Catering>
                                  Price: 4.545000
                                                  Description: SausageRoll <extra Filling>
 Customer: 1586270964 <Catering>
                                  Price: 4.635900
                                                   Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 1586270964 <Catering>
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 4.968971
                                  Price: 4.658850
                                                   Description: SausageRoll <extra Sauce> <extra Topping>
 Customer: 1586270964 <Catering>
                                  Price: 4.681800
 Customer: 1586270964 <Catering>
                                                   Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 1586270964 <Catering>
                                                   Description: SpringRoll <extra Sauce>
                                  Price: 5.089800
 Customer: 1586270964 <Catering>
                                  Price: 5.243512
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1586270964 <Catering>
                                  Price: 5.039900
                                                   Description: SpringRoll <extra Filling>
 Customer: 1586270964 <Catering>
                                  Price: 5.269470
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1586270964 <Catering>
                                  Price: 5.191596
                                                   Description: SpringRoll <extra Sauce> <extra Sauce>
 Customer: 1586270964 <Catering>
                                  Price: 6.462756
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1586270964 <Catering>
                                  Price: 6.120000
                                                   Description: PastryRoll <extra Sauce>
 Customer: 1586270964 <Catering>
                                  Price: 6.495388
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1586270964 <Catering>
                                  Price: 6.060000
                                                   Description: PastryRoll <extra Filling>
 Customer: 1586270964 <Catering>
                                 Price: 6.336036
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1642360923 < Casual>
                                Price: 4.613175
                                                 Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 1642360923 <Casual>
                                Price: 4.682373
                                                 Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1343441044 <Business>
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
                                  Price: 5.280030
 Customer: 1343441044 <Business>
                                                   Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.202636
 Customer: 1343441044 <Business>
                                  Price: 6.060000
                                                   Description: PastryRoll <extra Filling>
 Customer: 1343441044 <Business>
                                  Price: 6.399396
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1343441044 <Business>
                                  Price: 5.039900
                                                   Description: SpringRoll <extra Filling>
 Customer: 1343441044 <Business>
                                 Price: 5.192231
                                                   Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
```

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Customer: 693632176 < Casual>
                              Price: 6.368027
                                              Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 693632176 < Casual >
                              Price: 6.368027
                                              Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 693632176 < Casual >
                              Price: 6.399396
                                              Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 326549596 <Casual>
                              #Exec: selected roll is sold out!
 Customer: 1364335809 < Casual>
                              #Exec: selected roll is sold out!
 Customer: 458209687 <Business>
                               Price: 6.431076
                                                Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 458209687 <Business>
                               Price: 6.181200
                                                Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 458209687 <Business>
                               Price: 5.401998
                                                Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 458209687 <Business>
                                               Description: SpringRoll <extra Sauce> <extra Sauce>
                               Price: 5.191596
 Customer: 233530418 < Casual>
                              Price: 6.181200
                                              Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 233530418 <Casual>
                              Price: 6.462756
                                              Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 683287027 < Casual >
                              #Exec: selected roll is sold out!
 Customer: 683287027 < Casual>
                              Price: 6.120000 Description: PastryRoll <extra Sauce>
 Customer: 1766822961 <Casual>
                              #Exec: selected roll is sold out!
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 3
Product: EggRoll Total sell: 2
Product: PastryRoll Total sell: 15
Product: SpringRoll Total sell: 9
Product: SausageRoll Total sell: 7
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 64.196571
Customer: Catering Total bill: 80.798973
Customer: Business Total bill: 56.380062
Total payment: 201.375610
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 5
Customer: Catering Outage: 1
Customer: Business Outage: 5
Total outage: 11
Roll: 0
Jelly Roll: 0
Pastry Roll: 0
Spring Roll: 3
Sausage Roll: 1
---Food Store at <220 Summit Blvd> on <Day 27>--
Egg Roll: 30
Jelly Roll: 30
Pastry Roll: 30
Spring Roll: 3
Sausage Roll: 1
Customer: 254413710 <Catering>
                               #Exec: selected roll is sold out!
 Customer: 254413710 <Catering>
                               Price: 5.895154 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 254413710 <Catering>
                               Price: 5.638325
                                                Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 254413710 <Catering>
                               Price: 5.866113
                                                Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
```

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Customer: 254413710 <Catering>
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 5.895154
Customer: 254413710 < Catering>
                                 Price: 5.983435
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 254413710 <Catering>
                                 Price: 5.151125
                                                    Description: EggRoll <extra Topping> <extra Topping>
Customer: 254413710 <Catering>
                                 Price: 5.306689
                                                    Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 254413710 <Catering>
                                 Price: 5.332830
Customer: 254413710 <Catering>
                                 Price: 5.439487
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 254413710 <Catering>
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                 Price: 5.521079
Customer: 254413710 <Catering>
                                 Price: 5.348512
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 254413710 <Catering>
                                 Price: 5.192231
                                                    Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 254413710 <Catering>
                                 Price: 5.374859
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 254413710 <Catering>
                                 Price: 6.242400
                                                    Description: PastryRoll <extra Sauce> <extra Sauce>
Customer: 254413710 <Catering>
                                 Price: 6.060000
                                                    Description: PastryRoll <extra Filling>
Customer: 1496724653 < Casual>
                                 #Exec: selected roll is sold out!
Customer: 1496724653 < Casual>
                                Price: 4.567500 Description: SausageRoll <extra Topping>
Customer: 553264065 < Business>
                                 Price: 5.151000
                                                    Description: EggRoll <extra Sauce> <extra Filling>
Customer: 553264065 <Business>
                                 Price: 5.254020
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 553264065 <Business>
                                 Price: 5.779422
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 553264065 <Business>
                                 Price: 5.954105
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 553264065 <Business>
                                 Price: 6.559698
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 553264065 <Business>
                                 Price: 6.462756
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 897697267 < Casual >
                                Price: 5.722899
                                                  Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1789447862 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 1789447862 <Catering>
                                   Price: 5.808033
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1789447862 <Catering>
                                   Price: 5.895154
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1789447862 <Catering>
                                   Price: 5.866113
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1789447862 <Catering>
                                   Price: 5.638325
                                                     Description: JellyRoll <extra Filling> <extra Topping>
                                  Price: 5.722899
                                                     Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1789447862 <Catering>
Customer: 1789447862 <Catering>
                                   Price: 6.150900
                                                     Description: PastryRoll <extra Filling> <extra Topping>
Customer: 1789447862 <Catering>
                                   Price: 6.000000
                                                     Description: PastryRoll
Customer: 1789447862 <Catering>
                                   Price: 6.242400
                                                     Description: PastryRoll <extra Sauce> <extra Sauce>
Customer: 1789447862 <Catering>
                                   Price: 6.625295
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1789447862 <Catering>
                                   Price: 6.431076
                                   Price: 5.075000
                                                     Description: EggRoll <extra Topping>
Customer: 1789447862 <Catering>
Customer: 1789447862 <Catering>
                                   Price: 5.100000
                                                     Description: EggRoll <extra Sauce>
Customer: 1789447862 <Catering>
                                  Price: 5.151125
                                                     Description: EggRoll <extra Topping> <extra Topping>
Customer: 1789447862 <Catering>
                                  Price: 5.439487
                                                     Description: EdgRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1789447862 <Catering>
                                  Price: 5.151000
                                                     Description: EggRoll <extra Sauce> <extra Filling>
Customer: 38997010 <Casual>
                               #Exec: selected roll is sold out!
Customer: 1942406066 < Casual>
                                #Exec: selected roll is sold out!
Customer: 1213415012 < Casual>
                                Price: 5.359230
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                Price: 5.412822
Customer: 1213415012 <Casual>
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1213415012 < Casual>
                                Price: 5.439487
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1688376486 <Business>
                                   Price: 5.359100
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1688376486 <Business>
                                  Price: 5.521079
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1688376486 <Business>
                                   Price: 5.555000
                                                     Description: JellyRoll <extra Filling>
Customer: 1688376486 <Business>
                                   Price: 5.779422
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1688376486 <Business>
                                   Price: 6.242400
                                                     Description: PastryRoll <extra Sauce> <extra Sauce>
Customer: 1688376486 <Business>
                                   Price: 6.625295
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 2114664380 <Catering>
                                   #Exec: selected roll is sold out!
                                  Price: 6.243164 Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 2114664380 <Catering>
```

```
Customer: 2114664380 <Catering>
                                   Price: 6.000000
                                                     Description: PastryRoll
 Customer: 2114664380 < Catering>
                                   Price: 6.625295
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2114664380 <Catering>
                                   Price: 6.060000
                                                     Description: PastryRoll <extra Filling>
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2114664380 <Catering>
                                   Price: 6.625295
 Customer: 2114664380 < Catering>
                                   Price: 5.412822
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2114664380 <Catering>
                                   Price: 5.359230
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2114664380 <Catering>
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                   Price: 5.332830
 Customer: 2114664380 <Catering>
                                   Price: 5.521079
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2114664380 < Catering>
                                   Price: 5.412822
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2114664380 < Catering >
                                   Price: 5.866113
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2114664380 <Catering>
                                   Price: 6.073187
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                     Description: JellyRoll <extra Sauce>
 Customer: 2114664380 <Catering>
                                   Price: 5.610000
 Customer: 2114664380 <Catering>
                                   Price: 5.837358
                                                     Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2114664380 <Catering>
                                   Price: 5.751091
                                                     Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 999661724 <Casual>
                                Price: 5.638325
                                                  Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 1793329556 < Casual>
                                 Price: 5.100000
                                                   Description: EggRoll <extra Sauce>
 Customer: 1793329556 <Casual>
                                 Price: 5.254148
                                                   Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1793329556 <Casual>
                                 Price: 5.359230
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 445884362 <Business>
                                  Price: 5.359230
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 445884362 <Business>
                                  Price: 5.466415
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 445884362 <Business>
                                  Price: 5.895154
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 5.722899
                                                    Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 445884362 <Business>
                                  Price: 6.304977
                                                    Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 445884362 <Business>
 Customer: 445884362 <Business>
                                  Price: 6.181200
                                                    Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 1031980531 <Casual>
                                 #Exec: selected roll is sold out!
 Customer: 721748895 <Casual>
                                #Exec: selected roll is sold out!
 Customer: 1642534850 < Casual>
                                 #Exec: selected roll is sold out!
 Customer: 1724731843 < Casual>
                                 #Exec: selected roll is sold out!
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 23
Product: EggRoll Total sell: 27
Product: PastryRoll Total sell: 18
Product: SpringRoll Total sell: 3
Product: SausageRoll Total sell: 1
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 47.853642
Customer: Catering Total bill: 258.274475
Customer: Business Total bill: 105.173180
Total payment: 411.301300
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 7
Customer: Catering Outage: 3
Customer: Business Outage: 6
Total outage: 16
Egg Roll: 3
Jelly Roll: 7
Pastry Roll: 12
Spring Roll: 0
```

Sausage Roll: 0 ********************************* Day End Inventory *************************** --Food Store at <220 Summit Blvd> on <Day 28>--Egg Roll: 3 Jelly Roll: 7 Pastry Roll: 12 Spring Roll: 30 Sausage Roll: 30 Customer: 1305193908 < Casual > Price: 5.510037 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping> Customer: 1305193908 < Casual> Price: 5.089800 Description: SpringRoll <extra Sauce> Customer: 1313953385 < Casual> Price: 5.050000 Description: EggRoll <extra Filling> Price: 5.359230 Customer: 1313953385 < Casual> Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping> Customer: 399573350 < Casual> #Exec: selected roll is sold out! Customer: 399573350 < Casual > Price: 5.280030 Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> Customer: 463345942 <Business> Price: 5.779562 Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping> Customer: 463345942 <Business> Price: 5.808033 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> Customer: 463345942 <Business> Price: 6.181350 Description: PastryRoll <extra Topping> <extra Topping> Customer: 463345942 <Business> Price: 6.495388 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping> Price: 4.705439 Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> Customer: 463345942 <Business> Price: 4.919774 Customer: 463345942 <Business> Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping> Customer: 463345942 <Business> Price: 5,296075 Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping> Customer: 463345942 <Business> Price: 5.348382 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> Customer: 195600860 <Casual> Price: 4.990000 Description: SpringRoll Price: 5.428608 Customer: 195600860 <Casual> Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> Price: 5.064850 Customer: 195600860 < Casual > Description: SpringRoll <extra Topping> Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping> Customer: 1334729950 <Business> Price: 6.013056 Customer: 1334729950 <Business> Price: 6.013056 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping> Price: 6.336036 Customer: 1334729950 <Business> Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> Price: 6.211800 Description: PastryRoll <extra Sauce> <extra Topping> Customer: 1334729950 <Business> Customer: 1334729950 <Business> Price: 4.799547 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> Price: 4.775436 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> Customer: 1334729950 <Business> Customer: 1334729950 <Business> Price: 5.295428 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> Customer: 1334729950 <Business> Price: 5.243639 Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping> Customer: 1347137144 <Catering> #Exec: selected roll is sold out! Customer: 1347137144 <Catering> Price: 6.211800 Description: PastryRoll <extra Sauce> <extra Topping> Customer: 1347137144 <Catering> Price: 6.527384 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> Customer: 1347137144 <Catering> Price: 6.495388 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping> Customer: 1347137144 <Catering> Price: 6.211800 Description: PastryRoll <extra Sauce> <extra Topping> Customer: 1347137144 <Catering> Price: 6.304977 Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping> Customer: 1347137144 <Catering> Price: 4.823308 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping> Customer: 1347137144 <Catering> Price: 4.776020 Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>

Description: SausageRoll <extra Topping> <extra Topping>

Description: SpringRoll <extra Topping> <extra Topping>

Description: SpringRoll <extra Filling>

Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>

Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>

Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>

Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>

Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>

Customer: 1347137144 <Catering>

Customer: 1347137144 <Catering>

Customer: 1347137144 <Catering>

Customer: 1347137144 <Catering>

Customer: 1347137144 <Catering> Customer: 1347137144 <Catering>

Customer: 1347137144 <Catering>

Customer: 1347137144 <Catering>

Price: 4.823191

Price: 4.871541

Price: 4.636013

Price: 5.374859

Price: 5.140822

Price: 5.217808

Price: 5.192231

Price: 5.039900

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Customer: 997608398 <Business>
                                Price: 5.837358
                                                  Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 997608398 <Business>
                                Price: 5.751091
                                                  Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 997608398 <Business>
                                Price: 6.368027
                                                  Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 997608398 <Business>
                                Price: 6.367248
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 997608398 <Business>
                                Price: 4.613175
                                                  Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 997608398 <Business>
                                Price: 4.871541
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 997608398 <Business>
                                Price: 4.990000
                                                  Description: SpringRoll
 Customer: 997608398 <Business>
                                Price: 5.348512
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 6
Product: EggRoll Total sell: 3
Product: PastryRoll Total sell: 11
Product: SpringRoll Total sell: 16
Product: SausageRoll Total sell: 11
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 41.772552
Customer: Catering Total bill: 81.647041
Customer: Business Total bill: 133.368958
Total payment: 256.788544
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 1
Customer: Catering Outage: 1
Customer: Business Outage: 3
Total outage: 5
Eaa Roll: 0
Jelly Roll: 1
Pastry Roll: 1
Spring Roll: 14
Sausage Roll: 19
--Food Store at <220 Summit Blvd> on <Day 29>-
Roll: 30
Jelly Roll: 1
Pastry Roll: 1
Spring Roll: 14
Sausage Roll: 19
******************************* Day Begin Inventory *********************
 Customer: 1973336893 < Casual>
                                Price: 5.582500
                                                Description: JellyRoll <extra Topping>
 Customer: 1212899836 < Casual>
                                Price: 5.140822
                                                Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 1174290147 < Casual>
                                                 Description: EggRoll <extra Sauce> <extra Filling>
                                Price: 5.151000
 Customer: 1174290147 < Casual>
                                Price: 5.075000
                                                 Description: EggRoll <extra Topping>
 Customer: 1174290147 < Casual>
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                Price: 5.385631
 Customer: 1289696681 < Casual >
                                #Exec: selected roll is sold out!
 Customer: 1289696681 < Casual >
                                Price: 6.625295 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1285044316 <Catering>
                                 #Exec: selected roll is sold out!
 Customer: 1285044316 <Catering>
                                  #Exec: selected roll is sold out!
 Customer: 1285044316 <Catering>
                                  Price: 5.100000
                                                  Description: EggRoll <extra Sauce>
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1285044316 <Catering>
                                  Price: 5.359230
 Customer: 1285044316 <Catering>
                                 Price: 5.385631
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
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Customer: 1285044316 <Catering>
                                   Price: 5.439487
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1285044316 <Catering>
                                   Price: 5.439487
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1285044316 <Catering>
                                   Price: 5.192231
                                                     Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
                                   Price: 4.990000
                                                     Description: SpringRoll
Customer: 1285044316 <Catering>
                                   Price: 5.296075
                                                     Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1285044316 <Catering>
Customer: 1285044316 <Catering>
                                   Price: 5.348382
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1285044316 <Catering>
                                   Price: 5.243639
                                                     Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1285044316 <Catering>
                                   Price: 5.064850
                                                     Description: SpringRoll <extra Topping>
Customer: 1285044316 <Catering>
                                   Price: 5.295428
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 1285044316 <Catering>
                                   Price: 5.322165
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                   Price: 5.089800
Customer: 1285044316 <Catering>
                                                     Description: SpringRoll <extra Sauce>
Customer: 1285044316 <Catering>
                                   Price: 4.990000
                                                     Description: SpringRoll
Customer: 1607460018 <Business>
                                   Price: 5.000000
                                                      Description: EggRoll
Customer: 1607460018 <Business>
                                   Price: 5.176500
                                                     Description: EggRoll <extra Sauce> <extra Topping>
Customer: 1607460018 <Business>
                                   Price: 4.847068
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                                     Description: SausageRoll <extra Filling>
Customer: 1607460018 <Business>
                                   Price: 4.545000
Customer: 1607460018 <Business>
                                   Price: 5.348382
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1607460018 <Business>
                                   Price: 5.217808
                                                     Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 1811075214 < Casual >
                                 #Exec: selected roll is sold out!
Customer: 1588970020 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 1588970020 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 1588970020 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 1588970020 <Catering>
                                   Price: 5.115499
                                                     Description: SpringRoll <extra Filling> <extra Topping>
Customer: 1588970020 <Catering>
                                   Price: 4.728733
                                                     Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1588970020 <Catering>
                                   Price: 4.968971
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1588970020 <Catering>
                                   Price: 4.919774
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1588970020 <Catering>
                                   Price: 4.847068
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1588970020 <Catering>
                                   Price: 4.635900
                                                     Description: SausageRoll <extra Sauce> <extra Filling>
Customer: 1588970020 <Catering>
                                   Price: 5.359230
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1588970020 <Catering>
                                   Price: 5.254148
                                                     Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1588970020 <Catering>
                                   Price: 5.000000
                                                     Description: EggRoll
Customer: 1588970020 <Catering>
                                   Price: 5.521079
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1588970020 <Catering>
                                   Price: 5.202000
                                                     Description: EggRoll <extra Sauce> <extra Sauce>
Customer: 1588970020 <Catering>
                                   Price: 5.466415
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1588970020 <Catering>
                                   Price: 5.280030
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1588970020 <Catering>
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
                                   Price: 5.254020
Customer: 1588970020 <Catering>
                                   Price: 5.100000
                                                     Description: EggRoll <extra Sauce>
Customer: 1407343478 < Casual>
                                 #Exec: selected roll is sold out!
Customer: 1940447180 < Casual>
                                 #Exec: selected roll is sold out!
Customer: 245565335 <Casual>
                                #Exec: selected roll is sold out!
Customer: 2121744517 < Casual>
                                 #Exec: selected roll is sold out!
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1066376662 <Casual>
                                 Price: 5.359230
Customer: 1066376662 <Casual>
                                 Price: 5.050000
                                                   Description: EggRoll <extra Filling>
                                 Price: 5.385631 Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1066376662 <Casual>
Customer: 183264084 <Casual>
                                #Exec: selected roll is sold out!
Customer: 476402209 < Casual >
                                #Exec: selected roll is sold out!
```

----> Count inventory orders by roll type <----Product: JellyRoll Total sell: 1

```
Product: EggRoll Total sell: 22
Product: PastryRoll Total sell: 1
Product: SpringRoll Total sell: 14
Product: SausageRoll Total sell: 7
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 48.755108
Customer: Catering Total bill: 155.209274
Customer: Business Total bill: 30.134758
Total payment: 234.099152
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 8
Customer: Catering Outage: 5
Customer: Business Outage: 2
Total outage: 15
Roll: 8
Jelly Roll: 0
Pastry Roll: 0
Spring Roll: 0
Sausage Roll: 12
--Food Store at <220 Summit Blvd> on <Day 30>-
Roll: 8
Jelly Roll: 30
Pastry Roll: 30
Spring Roll: 30
Sausage Roll: 12
****************************** Day Begin Inventory **********************
                               Price: 5.191596
                                                Description: SpringRoll <extra Sauce> <extra Sauce>
 Customer: 1490180672 <Casual>
 Customer: 1490180672 < Casual >
                               Price: 5.039900
                                                Description: SpringRoll <extra Filling>
 Customer: 460332449 <Casual>
                                                Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                               Price: 4.776020
 Customer: 460332449 < Casual >
                               Price: 4.728733
                                                Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 460332449 <Casual>
                               Price: 4.776020
                                                Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1919892312 <Catering>
                                 Price: 4.613175
                                                  Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 1919892312 <Catering>
                                 Price: 4.776020
                                                  Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1919892312 <Catering>
                                                  Description: SausageRoll <extra Topping>
                                 Price: 4.567500
 Customer: 1919892312 <Catering>
                                 Price: 4.636013
                                                  Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 1919892312 <Catering>
                                 Price: 4.567500
                                                  Description: SausageRoll <extra Topping>
                                                  Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 1919892312 <Catering>
                                 Price: 6.181350
 Customer: 1919892312 <Catering>
                                 Price: 6.273918
                                                  Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1919892312 <Catering>
                                 Price: 6.430920
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1919892312 <Catering>
                                 Price: 6.060000
                                                  Description: PastryRoll <extra Filling>
 Customer: 1919892312 <Catering>
                                 Price: 6.462756
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1919892312 <Catering>
                                 Price: 5.555000
                                                  Description: JellyRoll <extra Filling>
 Customer: 1919892312 <Catering>
                                 Price: 5.779562
                                                  Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1919892312 <Catering>
                                 Price: 5.666237
                                                  Description: JellyRoll <extra Topping> <extra Topping>
                                 Price: 5.895010
 Customer: 1919892312 <Catering>
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1919892312 <Catering>
                                 Price: 5.983435
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                                 Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1143839598 < Casual>
                                Price: 6.368027
 Customer: 1143839598 < Casual>
                               Price: 6.181350
                                                 Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 1143839598 < Casual>
                                                Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                               Price: 6.431076
```

```
Price: 5.322165
Customer: 250075633 <Casual>
                                                  Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 250075633 <Casual>
                                Price: 5.217808
                                                  Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 250075633 <Casual>
                                Price: 5.348512
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 358699161 <Catering>
                                  #Exec: selected roll is sold out!
Customer: 358699161 <Catering>
                                 Price: 4.682373
                                                    Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 358699161 <Catering>
                                 Price: 4.775436
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 358699161 <Catering>
                                 Price: 4.635900
                                                    Description: SausageRoll <extra Sauce> <extra Filling>
Customer: 358699161 <Catering>
                                 Price: 4.752028
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 358699161 <Catering>
                                                    Description: EggRoll <extra Filling> <extra Topping>
                                 Price: 5.125750
Customer: 358699161 <Catering>
                                 Price: 5.202000
                                                    Description: EggRoll <extra Sauce> <extra Sauce>
Customer: 358699161 <Catering>
                                                    Description: EggRoll <extra Sauce>
                                 Price: 5.100000
                                 Price: 5.151000
                                                    Description: EggRoll <extra Sauce> <extra Filling>
Customer: 358699161 <Catering>
                                 Price: 5.176500
Customer: 358699161 <Catering>
                                                    Description: EggRoll <extra Sauce> <extra Topping>
                                 Price: 5.666100
Customer: 358699161 <Catering>
                                                    Description: JellyRoll <extra Sauce> <extra Filling>
Customer: 358699161 <Catering>
                                 Price: 5.779422
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 358699161 <Catering>
                                 Price: 5.895010
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 358699161 <Catering>
                                 Price: 6.013056
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 358699161 <Catering>
                                 Price: 5.694150
                                                    Description: JellyRoll <extra Sauce> <extra Topping>
Customer: 358699161 <Catering>
                                 Price: 5.269470
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 517938326 < Casual >
                                #Exec: selected roll is sold out!
Customer: 914424520 <Casual>
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                Price: 5.521079
Customer: 914424520 <Casual>
                                                  Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                Price: 5.306689
Customer: 110718392 <Business>
                                 Price: 5.837358
                                                    Description: JellyRoll <extra Sauce> <extra Filling> <extra Toppinq> <extra Toppinq>
Customer: 110718392 <Business>
                                 Price: 5.866113
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 110718392 <Business>
                                 Price: 6.242400
                                                    Description: PastryRoll <extra Sauce> <extra Sauce>
Customer: 110718392 <Business>
                                 Price: 6.150900
                                                    Description: PastryRoll <extra Filling> <extra Topping>
Customer: 110718392 <Business>
                                                    Description: SpringRoll <extra Topping>
                                 Price: 5.064850
Customer: 110718392 <Business>
                                 Price: 5.166147
                                                    Description: SpringRoll <extra Sauce> <extra Topping>
Customer: 425918570 <Catering>
                                 #Exec: selected roll is sold out!
Customer: 425918570 <Catering>
                                  #Exec: selected roll is sold out!
                                 Price: 6.399396
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 425918570 <Catering>
Customer: 425918570 < Catering>
                                 Price: 6.150900
                                                    Description: PastryRoll <extra Filling> <extra Topping>
Customer: 425918570 <Catering>
                                 Price: 6.462756
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 425918570 <Catering>
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
                                 Price: 6.336036
Customer: 425918570 <Catering>
                                 Price: 6.090000
                                                    Description: PastryRoll <extra Topping>
Customer: 425918570 <Catering>
                                 Price: 5.895154
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 425918570 <Catering>
                                 Price: 5.895154
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 425918570 <Catering>
                                                    Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 5.779562
Customer: 425918570 < Catering>
                                  Price: 5.866113
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 425918570 < Catering>
                                  Price: 5.779562
                                                    Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
                                 Price: 5.332830
Customer: 425918570 < Catering>
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 425918570 <Catering>
                                 Price: 5.217808
                                                    Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
                                 Price: 5.374859
Customer: 425918570 <Catering>
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 425918570 <Catering>
                                 Price: 5.217808
                                                    Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 425918570 <Catering>
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                 Price: 5.322165
Customer: 2143192188 < Casual>
                                 #Exec: selected roll is sold out!
Customer: 1100439041 < Casual >
                                 Price: 5.166147
                                                   Description: SpringRoll <extra Sauce> <extra Topping>
Customer: 1100439041 < Casual>
                                 Price: 5.039900
                                                  Description: SpringRoll <extra Filling>
Customer: 204349222 < Casual >
                                #Exec: selected roll is sold out!
Customer: 231685785 <Casual>
                                #Exec: selected roll is sold out!
```

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Customer: 114935352 <Casual>
                               Price: 6.431076
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 114935352 <Casual>
                               Price: 6.090000
                                                 Description: PastryRoll <extra Topping>
 Customer: 114935352 <Casual>
                               Price: 6.060000
                                                 Description: PastryRoll <extra Filling>
 Customer: 2110121908 < Casual>
                                Price: 5.983435
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2110121908 < Casual>
                                Price: 5.555000
                                                 Description: JellyRoll <extra Filling>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 19
Product: EggRoll Total sell: 8
Product: PastryRoll Total sell: 18
Product: SpringRoll Total sell: 14
Product: SausageRoll Total sell: 12
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 110.534531
Customer: Catering Total bill: 249.486679
Customer: Business Total bill: 34.327766
Total payment: 394.348969
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 4
Customer: Catering Outage: 3
Customer: Business Outage: 2
Total outage: 9
Egg Roll: 0
Jelly Roll: 11
Pastry Roll: 12
Spring Roll: 16
Sausage Roll: 0
--Food Store at <220 Summit Blvd> on <Day 31>-
Egg Roll: 30
Jelly Roll: 11
Pastry Roll: 12
Spring Roll: 16
Sausage Roll: 30
********************************* Day Begin Inventory *************************
 Customer: 32374789 <Catering>
                                                 Description: SpringRoll <extra Topping> <extra Topping>
                              Price: 5.140822
 Customer: 32374789 <Catering>
                                Price: 5.269470
                                                 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 32374789 <Catering>
                                Price: 5.166147
                                                 Description: SpringRoll <extra Sauce> <extra Topping>
 Customer: 32374789 <Catering>
                                Price: 5.064850
                                                 Description: SpringRoll <extra Topping>
 Customer: 32374789 <Catering>
                                Price: 5.217808
                                                 Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 32374789 <Catering>
                                Price: 5.466415
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 32374789 <Catering>
                                Price: 5.100000
                                                 Description: EggRoll <extra Sauce>
 Customer: 32374789 <Catering>
                                Price: 5.075000
                                                 Description: EggRoll <extra Topping>
 Customer: 32374789 <Catering>
                                Price: 5.151000
                                                 Description: EggRoll <extra Sauce> <extra Filling>
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 32374789 <Catering>
                                Price: 5.254020
 Customer: 32374789 <Catering>
                                Price: 6.399396
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 32374789 <Catering>
                                Price: 6.430920
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                Price: 6.120000
 Customer: 32374789 <Catering>
                                                 Description: PastryRoll <extra Sauce>
 Customer: 32374789 <Catering>
                                Price: 6.000000
                                                 Description: PastryRoll
 Customer: 32374789 <Catering>
                                Price: 6.462756
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1973538135 < Casual>
                                Price: 5.039900
                                                 Description: SpringRoll <extra Filling>
```

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Customer: 1973538135 <Casual>
                                 Price: 5.039900
                                                   Description: SpringRoll <extra Filling>
Customer: 1973538135 < Casual>
                                 Price: 5.115499
                                                   Description: SpringRoll <extra Filling> <extra Topping>
Customer: 1023487453 <Casual>
                                 Price: 4.990000
                                                   Description: SpringRoll
Customer: 1023487453 <Casual>
                                 Price: 5,401998
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1023487453 <Casual>
                                 Price: 5.089800
                                                   Description: SpringRoll <extra Sauce>
Customer: 1865127310 <Casual>
                                 Price: 5.295428
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 1865127310 < Casual >
                                 Price: 4.990000
                                                   Description: SpringRoll
Customer: 1865127310 < Casual>
                                 Price: 5.192231
                                                   Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 515132998 <Casual>
                                Price: 6.336036
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1694819250 <Casual>
                                 Price: 6.090000
                                                   Description: PastryRoll <extra Topping>
Customer: 1694819250 < Casual>
                                 Price: 6.181200
                                                   Description: PastryRoll <extra Sauce> <extra Filling>
Customer: 1365202186 < Casual>
                                 Price: 5.050000
                                                   Description: EdgRoll <extra Filling>
Customer: 1365202186 < Casual>
                                 Price: 5.466415
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1365202186 < Casual>
                                 Price: 5.100000
                                                   Description: EggRoll <extra Sauce>
Customer: 1651191114 < Casual >
                                 Price: 6.242400
                                                   Description: PastryRoll <extra Sauce> <extra Sauce>
Customer: 1651191114 < Casual>
                                 Price: 6.462756
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1651191114 < Casual>
                                 Price: 6.181200
                                                   Description: PastryRoll <extra Sauce> <extra Filling>
Customer: 1586600255 < Casual>
                                 Price: 5.192231
                                                   Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1586600255 < Casual>
                                 Price: 5.322165
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 474675244 <Casual>
                                Price: 5.722200
                                                  Description: JellyRoll <extra Sauce> <extra Sauce>
Customer: 474675244 < Casual >
                                Price: 5.866113
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 474675244 < Casual >
                                Price: 5.610000
                                                  Description: JellyRoll <extra Sauce>
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 932583850 <Business>
                                 Price: 5.254020
Customer: 932583850 <Business>
                                 Price: 5.050000
                                                    Description: EggRoll <extra Filling>
Customer: 932583850 <Business>
                                 Price: 5.983435
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 932583850 <Business>
                                 Price: 5.666237
                                                    Description: JellyRoll <extra Topping> <extra Topping>
                                 Price: 4.895538
Customer: 932583850 <Business>
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 932583850 <Business>
                                 Price: 4.823191
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 212628335 < Casual >
                                Price: 4.823191
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 212628335 <Casual>
                                Price: 4.567500
                                                  Description: SausageRoll <extra Topping>
Customer: 1579572132 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 1579572132 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 1579572132 <Catering>
                                   Price: 6.013056
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1579572132 <Catering>
                                   Price: 5.836644
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 1579572132 <Catering>
                                   Price: 5.722200
                                                     Description: JellyRoll <extra Sauce> <extra Sauce>
Customer: 1579572132 <Catering>
                                   Price: 5.500000
                                                     Description: JellvRoll
Customer: 1579572132 <Catering>
                                   Price: 5.983435
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1579572132 <Catering>
                                   Price: 4.658850
                                                     Description: SausageRoll <extra Sauce> <extra Topping>
Customer: 1579572132 <Catering>
                                   Price: 4.636013
                                                     Description: SausageRoll <extra Topping> <extra Topping>
Customer: 1579572132 <Catering>
                                   Price: 4.567500
                                                     Description: SausageRoll <extra Topping>
Customer: 1579572132 <Catering>
                                   Price: 4.823308
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                   Price: 4.968971
Customer: 1579572132 <Catering>
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1579572132 <Catering>
                                   Price: 6.150900
                                                     Description: PastryRoll <extra Filling> <extra Topping>
                                   Price: 5.000000
Customer: 1579572132 <Catering>
                                                     Description: EggRoll
Customer: 1579572132 <Catering>
                                   Price: 5.151125
                                                     Description: EggRoll <extra Topping> <extra Topping>
Customer: 1579572132 <Catering>
                                   Price: 5.254020
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1579572132 <Catering>
                                                     Description: EggRoll <extra Topping> <extra Topping>
                                   Price: 5.151125
```

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Customer: 359023572 <Casual>
                               #Exec: selected roll is sold out!
 Customer: 359023572 <Casual>
                               Price: 5.694150 Description: JellyRoll <extra Sauce> <extra Topping>
 Customer: 305808283 <Business>
                                 Price: 5.228265
                                                   Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 305808283 <Business>
                                 Price: 5.385631
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 305808283 <Business>
                                 Price: 4.590000
                                                   Description: SausageRoll <extra Sauce>
                                                  Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 305808283 <Business>
                                 Price: 4.681800
 Customer: 2111991224 <Catering>
                                  #Exec: selected roll is sold out!
 Customer: 2111991224 <Catering>
                                  #Exec: selected roll is sold out!
 Customer: 2111991224 <Catering>
                                  Price: 5.412822
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                   Description: EggRoll <extra Sauce>
 Customer: 2111991224 <Catering>
                                  Price: 5.100000
 Customer: 2111991224 <Catering>
                                  Price: 5.202000
                                                   Description: EggRoll <extra Sauce> <extra Sauce>
 Customer: 2111991224 <Catering>
                                  Price: 5.125750
                                                   Description: EggRoll <extra Filling> <extra Topping>
 Customer: 2111991224 <Catering>
                                  Price: 5.332830
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2111991224 <Catering>
                                  Price: 4.895538
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2111991224 <Catering>
                                  Price: 4.752028
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2111991224 <Catering>
                                  Price: 4.871541
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2111991224 <Catering>
                                  Price: 4.705439
                                                   Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2111991224 <Catering>
                                  Price: 4.871541
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2111991224 <Catering>
                                  Price: 4.752028
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2111991224 <Catering>
                                  Price: 4.895538
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2111991224 <Catering>
                                  Price: 4.635900
                                                   Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 2111991224 <Catering>
                                  Price: 4.799547
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2111991224 <Catering>
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                  Price: 4.823191
 Customer: 292938459 < Casual >
                               Price: 4.613175 Description: SausageRoll <extra Filling> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 11
Product: EggRoll Total sell: 21
Product: PastryRoll Total sell: 12
Product: SpringRoll Total sell: 16
Product: SausageRoll Total sell: 22
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 146.675491
Customer: Catering Total bill: 236.911407
Customer: Business Total bill: 51.558117
Total payment: 435,145020
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 1
Customer: Catering Outage: 4
Customer: Business Outage: 5
Total outage: 10
Egg Roll: 9
Jelly Roll: 0
Pastry Roll: 0
Spring Roll: 0
Sausage Roll: 8
--Food Store at <220 Summit Blvd> on <Day 32>-
****************************** Day Begin Inventory ****************************
Egg Roll: 9
Jelly Roll: 30
Pastry Roll: 30
```

```
Sausage Roll: 8
******************************* Day Begin Inventory ***************************
Customer: 917142466 <Casual>
                                Price: 4.635900
                                                   Description: SausageRoll <extra Sauce> <extra Filling>
                                Price: 4.728618
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 917142466 <Casual>
Customer: 1993134103 <Catering>
                                   Price: 4.705439
                                                      Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 1993134103 <Catering>
                                   Price: 4.823308
                                                      Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1993134103 <Catering>
                                   Price: 4.823308
                                                      Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1993134103 <Catering>
                                   Price: 4.823191
                                                      Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                   Price: 4.776020
Customer: 1993134103 <Catering>
                                                      Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                   Price: 5.374859
Customer: 1993134103 <Catering>
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1993134103 <Catering>
                                   Price: 5.374859
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1993134103 <Catering>
                                   Price: 5.510037
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1993134103 <Catering>
                                   Price: 5.374859
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1993134103 <Catering>
                                   Price: 5.217808
                                                      Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 1993134103 <Catering>
                                   Price: 5.694150
                                                      Description: JellyRoll <extra Sauce> <extra Topping>
Customer: 1993134103 <Catering>
                                   Price: 5.582500
                                                      Description: JellyRoll <extra Topping>
Customer: 1993134103 <Catering>
                                   Price: 5.895154
                                                      Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1993134103 <Catering>
                                   Price: 5.582500
                                                      Description: JellyRoll <extra Topping>
Customer: 1993134103 <Catering>
                                   Price: 5.836644
                                                      Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 405662939 < Casual >
                                 #Exec: selected roll is sold out!
Customer: 405662939 <Casual>
                                 Price: 4.968971
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 653305407 <Casual>
                                 Price: 5.192231
                                                   Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1130478920 < Casual>
                                 Price: 5.808033
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1130478920 < Casual>
                                 Price: 5.779562
                                                   Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1404928347 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 1404928347 <Catering>
                                   Price: 5.192231
                                                     Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1404928347 <Catering>
                                   Price: 5.217808
                                                      Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 1404928347 <Catering>
                                   Price: 5.064850
                                                      Description: SpringRoll <extra Topping>
Customer: 1404928347 <Catering>
                                   Price: 5.089800
                                                      Description: SpringRoll <extra Sauce>
                                   Price: 5.243512
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1404928347 <Catering>
                                   Price: 5.151000
                                                      Description: EggRoll <extra Sauce> <extra Filling>
Customer: 1404928347 <Catering>
Customer: 1404928347 <Catering>
                                   Price: 5.306040
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 1404928347 <Catering>
                                   Price: 5.280030
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1404928347 <Catering>
                                   Price: 5.228265
                                                      Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 1404928347 <Catering>
                                   Price: 5.332830
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1404928347 <Catering>
                                   Price: 5.751091
                                                      Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 1404928347 <Catering>
                                   Price: 5.666237
                                                      Description: JellyRoll <extra Topping> <extra Topping>
Customer: 1404928347 <Catering>
                                   Price: 5.638325
                                                      Description: JellyRoll <extra Filling> <extra Topping>
Customer: 1404928347 <Catering>
                                   Price: 5.808033
                                                      Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1404928347 <Catering>
                                   Price: 5.666237
                                                      Description: JellyRoll <extra Topping> <extra Topping>
Customer: 604107971 <Casual>
                                 Price: 5.359100 Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 123961122 <Catering>
                                  #Exec: selected roll is sold out!
Customer: 123961122 <Catering>
                                  Price: 5.895154
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 123961122 <Catering>
                                  Price: 5.808033
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 123961122 <Catering>
                                  Price: 5.954105
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.722200
                                                     Description: JellyRoll <extra Sauce> <extra Sauce>
Customer: 123961122 <Catering>
                                                     Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 123961122 <Catering>
                                  Price: 5.722899
                                  Price: 5.374859
Customer: 123961122 <Catering>
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 123961122 <Catering>
                                  Price: 5.217808
                                                     Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 123961122 <Catering>
                                  Price: 5.322165
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 123961122 <Catering>
                                  Price: 5,115499
                                                     Description: SpringRoll <extra Filling> <extra Topping>
```

```
Customer: 123961122 <Catering>
                                 Price: 5.510037
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 123961122 <Catering>
                                 Price: 6.367248
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 123961122 <Catering>
                                 Price: 6.181200
                                                   Description: PastryRoll <extra Sauce> <extra Filling>
                                 Price: 6.495388
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 123961122 <Catering>
 Customer: 123961122 <Catering>
                                 Price: 6.211800
                                                   Description: PastryRoll <extra Sauce> <extra Topping>
 Customer: 123961122 <Catering>
                                 Price: 6.430920
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1227229563 <Business>
                                  Price: 5.100000
                                                   Description: EggRoll <extra Sauce>
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1227229563 <Business>
                                  Price: 5.332830
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1227229563 <Business>
                                  Price: 5.924193
 Customer: 1227229563 <Business>
                                  Price: 5.666100
                                                   Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 1227229563 <Business>
                                  Price: 6.430920
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                  Price: 6.336036
 Customer: 1227229563 <Business>
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1227229563 <Business>
                                  Price: 5.374859
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1227229563 <Business>
                                  Price: 5.348382
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1982791261 <Casual>
                                #Exec: selected roll is sold out!
 Customer: 1562557367 < Casual>
                                #Exec: selected roll is sold out!
 Customer: 1101288798 < Casual>
                                #Exec: selected roll is sold out!
 Customer: 1101288798 < Casual>
                                Price: 5.202000 Description: EggRoll <extra Sauce> <extra Sauce>
 Customer: 942731712 <Casual>
                               Price: 5.374859
                                                 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 942731712 <Casual>
                               Price: 4.990000
                                                 Description: SpringRoll
                               Price: 5.348382
 Customer: 942731712 <Casual>
                                                Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 971848845 < Casual >
                               #Exec: selected roll is sold out!
 Customer: 1910163204 < Casual >
                                Price: 6.431076 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1910163204 < Casual >
                                Price: 6.495388
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 305623748 <Casual>
                               #Exec: selected roll is sold out!
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 19
Product: EggRoll Total sell: 9
Product: PastryRoll Total sell: 9
Product: SpringRoll Total sell: 21
Product: SausageRoll Total sell: 8
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 70.314117
Customer: Catering Total bill: 247.360260
Customer: Business Total bill: 45.513317
Total payment: 363.187683
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 6
Customer: Catering Outage: 2
Customer: Business Outage: 1
Total outage: 9
Egg Roll: 0
Jelly Roll: 11
Pastry Roll: 21
Spring Roll: 9
Sausage Roll: 0
```

```
-Food Store at <220 Summit Blvd> on <Day 33>-
Roll: 30
Jelly Roll: 11
Pastry Roll: 21
Spring Roll: 9
Sausage Roll: 30
****************************** Day Begin Inventory **********************
 Customer: 758529971 <Business>
                                  Price: 5.125750
                                                    Description: EggRoll <extra Filling> <extra Topping>
                                                    Description: EggRoll <extra Sauce> <extra Filling>
 Customer: 758529971 <Business>
                                  Price: 5.151000
 Customer: 758529971 <Business>
                                                    Description: JellyRoll <extra Topping> <extra Topping>
                                  Price: 5.666237
 Customer: 758529971 <Business>
                                  Price: 5.694150
                                                    Description: JellyRoll <extra Sauce> <extra Topping>
 Customer: 758529971 <Business>
                                  Price: 6.559698
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 758529971 <Business>
                                  Price: 6.150900
                                                    Description: PastryRoll <extra Filling> <extra Topping>
                                                    Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 758529971 <Business>
                                  Price: 4.635900
 Customer: 758529971 <Business>
                                  Price: 4.590000
                                                    Description: SausageRoll <extra Sauce>
 Customer: 758529971 <Business>
                                  Price: 5.217808
                                                    Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 758529971 <Business>
                                  Price: 5.243639
                                                    Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2104457164 < Casual >
                                 Price: 5.779422
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 2104457164 < Casual>
                                 Price: 5.924193
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1521118594 < Casual>
                                 Price: 5.089800
                                                   Description: SpringRoll <extra Sauce>
 Customer: 1940030785 < Casual>
                                 Price: 4.823191
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1940030785 < Casual>
                                 Price: 4.799547
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1940030785 < Casual>
                                 Price: 4.919774
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                                    Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1869997857 < Casual>
                                 Price: 5.722899
 Customer: 1869997857 < Casual>
                                 Price: 5.610000
                                                   Description: JellyRoll <extra Sauce>
                                 Price: 5.582500
 Customer: 1869997857 < Casual>
                                                   Description: JellyRoll <extra Topping>
 Customer: 1763847188 < Casual>
                                 Price: 5.666237
                                                    Description: JellyRoll <extra Topping> <extra Topping>
 Customer: 1763847188 < Casual>
                                 Price: 5.895154
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1763847188 < Casual>
                                 Price: 5.779422
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1617791695 < Casual>
                                 Price: 4.752028
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 125993742 <Casual>
                                Price: 4.635900
                                                  Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 1192108080 < Casual>
                                 #Exec: selected roll is sold out!
 Customer: 1192108080 < Casual>
                                 Price: 5.610000 Description: JellyRoll <extra Sauce>
 Customer: 1068824137 < Casual>
                                 #Exec: selected roll is sold out!
 Customer: 864237698 < Casual >
                                Price: 5.385631 Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                  #Exec: selected roll is sold out!
 Customer: 537548559 <Catering>
 Customer: 537548559 <Catering>
                                  Price: 6.304824
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 537548559 <Catering>
                                  Price: 6.336036
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 537548559 <Catering>
                                  Price: 6.431076
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 537548559 <Catering>
                                  Price: 6.462756
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 537548559 <Catering>
                                  Price: 6.430920
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
```

Description: EggRoll <extra Sauce> <extra Sauce>

Description: EggRoll <extra Sauce> <extra Sauce>

Description: EggRoll <extra Sauce> <extra Topping>

Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>

Description: EggRoll <extra Topping>

Price: 5.202000

Price: 5.202000

Price: 5.075000

Price: 5.176500

Price: 5.254020

Customer: 537548559 <Catering>
Customer: 537548559 <Catering>

Customer: 537548559 < Catering>

Customer: 537548559 <Catering>

Customer: 537548559 <Catering>

```
Price: 4.752028
 Customer: 537548559 < Catering>
                                                Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 537548559 < Catering>
                               Price: 4.613175
                                                Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 537548559 <Catering>
                               Price: 4.682373
                                                Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
                               Price: 4.728733
                                                Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 537548559 <Catering>
 Customer: 537548559 <Catering>
                                                Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                               Price: 4.871541
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 11
Product: EggRoll Total sell: 8
Product: PastryRoll Total sell: 7
Product: SpringRoll Total sell: 3
Product: SausageRoll Total sell: 12
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 85,975700
Customer: Catering Total bill: 81.522987
Customer: Business Total bill: 54.035080
Total payment: 221.533768
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 2
Customer: Catering Outage: 1
Total outage: 3
Egg Roll: 22
Jelly Roll: 0
Pastry Roll: 14
Spring Roll: 6
Sausage Roll: 18
---Food Store at <220 Summit Blvd> on <Day 34>-
Roll: 22
Jelly Roll: 30
Pastry Roll: 14
Spring Roll: 6
Sausage Roll: 18
Customer: 380894366 <Casual>
                             Price: 5.295428
                                              Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 237852351 <Casual>
                              Price: 5.722899
                                              Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
                                                Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 608188624 < Catering>
                               Price: 5.295428
 Customer: 608188624 < Catering>
                               Price: 5.510037
                                                Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 608188624 < Catering>
                               Price: 5.192231
                                                Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 608188624 < Catering>
                               Price: 5.191596
                                                Description: SpringRoll <extra Sauce> <extra Sauce>
 Customer: 608188624 < Catering>
                               Price: 5.192231
                                                Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 608188624 < Catering>
                               Price: 6.462756
                                                Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 608188624 < Catering>
                               Price: 6.150900
                                                Description: PastryRoll <extra Filling> <extra Topping>
 Customer: 608188624 < Catering>
                               Price: 6.367248
                                                Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 608188624 < Catering>
                               Price: 6.000000
                                                Description: PastrvRoll
 Customer: 608188624 < Catering>
                               Price: 6.625295
                                                Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 608188624 < Catering >
                               Price: 4.752028
                                                Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
                               Price: 4.590000
                                                Description: SausageRoll <extra Sauce>
 Customer: 608188624 < Catering>
 Customer: 608188624 < Catering>
                               Price: 4.752028
                                                Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 608188624 < Catering>
                               Price: 4.847068
                                                Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 608188624 < Catering>
                               Price: 4.728733
                                                Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
```

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Customer: 1451270520 < Casual>
                               Price: 5.254020 Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1608446010 < Casual>
                               #Exec: selected roll is sold out!
 Customer: 992136656 < Casual >
                               Price: 6.431076
                                               Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 992136656 <Casual>
                              Price: 6.431076
                                               Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 511833308 < Business>
                                Price: 5.202636
                                                 Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 511833308 < Business>
                                Price: 5.151000
                                                 Description: EggRoll <extra Sauce> <extra Filling>
 Customer: 511833308 < Business>
                                Price: 5.582500
                                                 Description: JellyRoll <extra Topping>
                                Price: 5.500000
                                                 Description: JellyRoll
 Customer: 511833308 <Business>
                                                 Description: PastryRoll <extra Sauce> <extra Sauce>
 Customer: 511833308 <Business>
                                Price: 6.242400
 Customer: 511833308 <Business>
                                Price: 6.090000
                                                 Description: PastryRoll <extra Topping>
 Customer: 511833308 <Business>
                                Price: 4.613175
                                                 Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 511833308 < Business>
                                Price: 4.681800
                                                 Description: SausageRoll <extra Sauce> <extra Sauce>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 3
Product: EggRoll Total sell: 3
Product: PastryRoll Total sell: 9
Product: SpringRoll Total sell: 6
Product: SausageRoll Total sell: 7
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 29.134499
Customer: Catering Total bill: 81.657578
Customer: Business Total bill: 43.063511
Total payment: 153.855591
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 1
Customer: Business Outage: 1
Total outage: 2
Egg Roll: 19
Jelly Roll: 27
Pastry Roll: 5
Spring Roll: 0
Sausage Roll: 11
-Food Store at <220 Summit Blvd> on <Day 35>-
Roll: 19
Jelly Roll: 27
Pastry Roll: 5
Spring Roll: 30
Sausage Roll: 11
********************************* Day Begin Inventory *************************
 Customer: 1297685781 < Casual >
                                                Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                               Price: 4.776020
 Customer: 1705929636 <Business>
                                 Price: 5.228265
                                                  Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1705929636 <Business>
                                 Price: 5.332830
 Customer: 1705929636 <Business>
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                 Price: 5.866113
                                                  Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1705929636 <Business>
                                 Price: 5.722899
 Customer: 1705929636 <Business>
                                 Price: 6.090000
                                                  Description: PastryRoll <extra Topping>
 Customer: 1705929636 <Business>
                                 Price: 6.431076
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1705929636 <Business>
                                 Price: 4.775436
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1705929636 <Business>
                                 Price: 4.567500
                                                  Description: SausageRoll <extra Topping>
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Customer: 1705929636 <Business>
                                   Price: 5.243639
                                                     Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1705929636 <Business>
                                   Price: 5.140822
                                                     Description: SpringRoll <extra Topping> <extra Topping>
Customer: 1221555852 <Business>
                                   Price: 5.385631
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                   Price: 5.151000
                                                     Description: EggRoll <extra Sauce> <extra Filling>
Customer: 1221555852 <Business>
                                   Price: 5.837358
Customer: 1221555852 <Business>
                                                     Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                     Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1221555852 <Business>
                                   Price: 5.954105
Customer: 1221555852 <Business>
                                  Price: 6.000000
                                                     Description: PastryRoll
Customer: 1221555852 <Business>
                                   Price: 6.430920
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1221555852 <Business>
                                   Price: 4.567500
                                                     Description: SausageRoll <extra Topping>
Customer: 1221555852 <Business>
                                                     Description: SausageRoll <extra Filling> <extra Topping>
                                   Price: 4.613175
                                   Price: 5.064850
Customer: 1221555852 <Business>
                                                     Description: SpringRoll <extra Topping>
Customer: 1221555852 <Business>
                                   Price: 5.140698
                                                     Description: SpringRoll <extra Sauce> <extra Filling>
Customer: 1509514333 <Casual>
                                 Price: 4.823191
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1509514333 <Casual>
                                 Price: 4.776020
                                                   Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1556956098 <Catering>
                                   Price: 5.192231
                                                     Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1556956098 <Catering>
                                   Price: 5.064850
                                                     Description: SpringRoll <extra Topping>
Customer: 1556956098 <Catering>
                                   Price: 5.039900
                                                     Description: SpringRoll <extra Filling>
Customer: 1556956098 < Catering>
                                   Price: 5.322165
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1556956098 <Catering>
                                   Price: 5.115499
                                                     Description: SpringRoll <extra Filling> <extra Topping>
Customer: 1556956098 <Catering>
                                   Price: 5.722899
                                                     Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1556956098 <Catering>
                                   Price: 5.954105
                                                     Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1556956098 <Catering>
                                   Price: 5.610000
                                                     Description: JellyRoll <extra Sauce>
                                   Price: 5.666100
Customer: 1556956098 <Catering>
                                                     Description: JellyRoll <extra Sauce> <extra Filling>
Customer: 1556956098 <Catering>
                                   Price: 6.013056
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1556956098 <Catering>
                                  Price: 5.280030
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1556956098 <Catering>
                                   Price: 5.176500
                                                     Description: EggRoll <extra Sauce> <extra Topping>
Customer: 1556956098 < Catering>
                                   Price: 5.359230
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1556956098 <Catering>
                                  Price: 5.075000
                                                     Description: EggRoll <extra Topping>
Customer: 1556956098 <Catering>
                                  Price: 5.050000
                                                     Description: EggRoll <extra Filling>
Customer: 1252585652 <Catering>
                                   #Exec: selected roll is sold out!
Customer: 1252585652 <Catering>
                                   #Exec: selected roll is sold out!
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1252585652 <Catering>
                                   Price: 6.495388
Customer: 1252585652 <Catering>
                                   Price: 4.567500
                                                     Description: SausageRoll <extra Topping>
                                   Price: 4.635900
                                                     Description: SausageRoll <extra Sauce> <extra Filling>
Customer: 1252585652 <Catering>
Customer: 1252585652 <Catering>
                                                     Description: SausageRoll <extra Sauce> <extra Topping>
                                   Price: 4.658850
Customer: 1252585652 <Catering>
                                   Price: 4.919774
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1252585652 <Catering>
                                   Price: 5.228265
                                                     Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 1252585652 <Catering>
                                   Price: 5.202636
                                                     Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
Customer: 1252585652 <Catering>
                                   Price: 5.151125
                                                     Description: EggRoll <extra Topping> <extra Topping>
Customer: 1252585652 <Catering>
                                   Price: 5.254148
                                                     Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 1252585652 <Catering>
                                   Price: 5.075000
                                                     Description: EggRoll <extra Topping>
Customer: 1252585652 <Catering>
                                   Price: 5.666100
                                                     Description: JellyRoll <extra Sauce> <extra Filling>
                                   Price: 6.073187
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1252585652 <Catering>
Customer: 1252585652 <Catering>
                                  Price: 5.779422
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 1252585652 <Catering>
                                  Price: 5.837358
                                                     Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                     Description: JellyRoll <extra Sauce> <extra Topping>
Customer: 1252585652 <Catering>
                                  Price: 5.694150
Customer: 2036368507 < Casual >
                                 #Exec: selected roll is sold out!
Customer: 1785210046 < Casual >
                                 Price: 5.348512
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1785210046 < Casual >
                                 Price: 5.140698
                                                   Description: SpringRoll <extra Sauce> <extra Filling>
Customer: 1552787810 <Business>
                                   Price: 5.202000
                                                     Description: EggRoll <extra Sauce> <extra Sauce>
                                   Price: 5.412822
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 1552787810 <Business>
Customer: 1552787810 <Business>
                                                     Description: JellyRoll <extra Sauce> <extra Filling>
                                  Price: 5.666100
```

```
Customer: 1552787810 <Business>
                                 Price: 5.666100
                                                 Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 1552787810 <Business>
                                 Price: 5.039900
                                                 Description: SpringRoll <extra Filling>
 Customer: 1552787810 <Business>
                                Price: 5.401998
                                                 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1361960727 < Casual>
                               #Exec: selected roll is sold out!
 Customer: 739498517 < Casual >
                              Price: 5.779422
                                               Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 739498517 < Casual >
                              Price: 5.555000
                                               Description: JellyRoll <extra Filling>
 Customer: 739498517 < Casual >
                              Price: 5.694150
                                               Description: JellyRoll <extra Sauce> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 19
Product: EggRoll Total sell: 16
Product: PastryRoll Total sell: 5
Product: SpringRoll Total sell: 13
Product: SausageRoll Total sell: 11
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 41.893013
Customer: Catering Total bill: 160.880371
Customer: Business Total bill: 140.932739
Total payment: 343.706116
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 2
Customer: Catering Outage: 2
Customer: Business Outage: 2
Total outage: 6
Jelly Roll: 8
Pastry Roll: 0
Spring Roll: 17
Sausage Roll: 0
--Food Store at <220 Summit Blvd> on <Day 36>-
Roll: 3
Jelly Roll: 8
Pastry Roll: 30
Spring Roll: 17
Sausage Roll: 30
****************************** Day Begin Inventory **********************
 Customer: 125130493 <Business>
                               Price: 5.439487
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 125130493 <Business>
                                Price: 5.466415
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 125130493 <Business>
                                Price: 5.808033
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 125130493 <Business>
                               Price: 5.694150
                                                 Description: JellyRoll <extra Sauce> <extra Topping>
 Customer: 125130493 <Business>
                               Price: 6.368027
                                                 Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 125130493 <Business>
                               Price: 6.181350
                                                 Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 125130493 <Business>
                               Price: 4.567500
                                                 Description: SausageRoll <extra Topping>
 Customer: 125130493 <Business>
                               Price: 4.919774
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                               Price: 5.064850
 Customer: 125130493 <Business>
                                                 Description: SpringRoll <extra Topping>
                               Price: 5.348512
                                                 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 125130493 <Business>
 Customer: 914504136 <Casual>
                              Price: 6.242400
                                               Description: PastryRoll <extra Sauce> <extra Sauce>
 Customer: 914504136 <Casual>
                              Price: 6.181200
                                               Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 166239592 <Catering>
                               #Exec: selected roll is sold out!
```

```
Customer: 166239592 <Catering>
                                    Price: 6.625295
                                                       Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 166239592 <Catering>
                                    Price: 6.462756
                                                       Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 166239592 <Catering>
                                    Price: 6.181350
                                                       Description: PastryRoll <extra Topping> <extra Topping>
                                    Price: 6.273918
                                                       Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 166239592 <Catering>
                                                       Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 166239592 <Catering>
                                    Price: 6.336036
 Customer: 166239592 <Catering>
                                   Price: 5.050000
                                                       Description: EggRoll <extra Filling>
 Customer: 166239592 <Catering>
                                                       Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                   Price: 4.823191
 Customer: 166239592 <Catering>
                                   Price: 4.545000
                                                       Description: SausageRoll <extra Filling>
 Customer: 166239592 <Catering>
                                   Price: 4.500000
                                                       Description: SausageRoll
 Customer: 166239592 <Catering>
                                   Price: 4.500000
                                                      Description: SausageRoll
 Customer: 166239592 <Catering>
                                   Price: 4.636013
                                                      Description: SausageRoll <extra Topping> <extra Topping>
                                                       Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 166239592 <Catering>
                                    Price: 5.638325
 Customer: 166239592 <Catering>
                                    Price: 5.808033
                                                       Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
                                    Price: 5.779422
 Customer: 166239592 <Catering>
                                                       Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 166239592 <Catering>
                                   Price: 6.073187
                                                      Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 991505714 <Catering>
                                    #Exec: selected roll is sold out!
 Customer: 991505714 <Catering>
                                   #Exec: selected roll is sold out!
 Customer: 991505714 <Catering>
                                   Price: 5.039900
                                                      Description: SpringRoll <extra Filling>
 Customer: 991505714 <Catering>
                                   Price: 5.039900
                                                      Description: SpringRoll <extra Filling>
 Customer: 991505714 <Catering>
                                   Price: 5.064850
                                                      Description: SpringRoll <extra Topping>
 Customer: 991505714 <Catering>
                                    Price: 5.295428
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 991505714 <Catering>
                                    Price: 5.295428
                                                       Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 991505714 <Catering>
                                    Price: 5.866113
                                                       Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 991505714 <Catering>
                                    Price: 5.895154
                                                       Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 991505714 <Catering>
                                   Price: 4.776020
                                                       Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 991505714 <Catering>
                                   Price: 4.728733
                                                       Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 991505714 <Catering>
                                   Price: 4.728733
                                                       Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 991505714 <Catering>
                                   Price: 4,636013
                                                       Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 991505714 <Catering>
                                    Price: 4.728618
                                                       Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
                                                      Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 991505714 <Catering>
                                   Price: 6.243164
 Customer: 991505714 <Catering>
                                   Price: 6.181200
                                                      Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 991505714 <Catering>
                                   Price: 6.211800
                                                      Description: PastryRoll <extra Sauce> <extra Topping>
 Customer: 385242642 <Catering>
                                    #Exec: selected roll is sold out!
 Customer: 385242642 <Catering>
                                    Price: 4.728733
                                                      Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 385242642 <Catering>
                                   Price: 4.895538
                                                       Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 385242642 <Catering>
                                   Price: 4.567500
                                                       Description: SausageRoll <extra Topping>
 Customer: 385242642 <Catering>
                                                       Description: SausageRoll <extra Topping>
                                   Price: 4.567500
 Customer: 385242642 <Catering>
                                   Price: 4.799547
                                                       Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 385242642 <Catering>
                                   Price: 6.368027
                                                       Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 385242642 <Catering>
                                   Price: 6.462756
                                                       Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 385242642 <Catering>
                                   Price: 6.367248
                                                       Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 385242642 <Catering>
                                    Price: 6.150900
                                                       Description: PastryRoll <extra Filling> <extra Topping>
 Customer: 385242642 <Catering>
                                    Price: 6.090000
                                                       Description: PastryRoll <extra Topping>
 Customer: 385242642 <Catering>
                                    Price: 5.115499
                                                       Description: SpringRoll <extra Filling> <extra Topping>
 Customer: 385242642 <Catering>
                                   Price: 5.322165
                                                       Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                   Price: 5.140822
 Customer: 385242642 <Catering>
                                                       Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 385242642 <Catering>
                                   Price: 5.322165
                                                       Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 385242642 <Catering>
                                                       Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
                                   Price: 5.243639
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 8
Product: EggRoll Total sell: 3
Product: PastryRoll Total sell: 17
Product: SpringRoll Total sell: 12
Product: SausageRoll Total sell: 17
```

----> Total payment for orders by customer type <----

```
Customer: Casual Total bill: 12.423599
Customer: Catering Total bill: 244.105591
Customer: Business Total bill: 54.858097
Total payment: 311.387268
----> Orders impacted by a roll outage by customer type <----
Customer: Catering Outage: 4
Total outage: 4
Egg Roll: 0
Jelly Roll: 0
Pastry Roll: 13
Spring Roll: 5
Sausage Roll: 13
---Food Store at <220 Summit Blvd> on <Day 37>--
**************************** Day Begin Inventory ***********************
     Roll: 30
Jelly Roll: 30
Pastry Roll: 13
Spring Roll: 5
Sausage Roll: 13
************************************ Day Begin Inventory ***********************
 Customer: 824009085 <Catering>
                                 Price: 5.348382
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 824009085 <Catering>
                                 Price: 5.140698
                                                   Description: SpringRoll <extra Sauce> <extra Filling>
 Customer: 824009085 < Catering>
                                 Price: 5.348512
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 824009085 < Catering>
                                 Price: 5.510037
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 824009085 <Catering>
                                 Price: 5.192231
                                                   Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 824009085 < Catering>
                                 Price: 5.254020
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 824009085 < Catering>
                                 Price: 5.280030
                                                   Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 824009085 <Catering>
                                 Price: 5.306689
                                                   Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 824009085 < Catering>
                                 Price: 5.176500
                                                   Description: EggRoll <extra Sauce> <extra Topping>
 Customer: 824009085 < Catering>
                                 Price: 5.000000
                                                   Description: EggRoll
 Customer: 824009085 < Catering>
                                 Price: 5.837358
                                                   Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                 Price: 5.666237
 Customer: 824009085 < Catering>
                                                   Description: JellyRoll <extra Topping> <extra Topping>
 Customer: 824009085 <Catering>
                                 Price: 5.500000
                                                   Description: JellyRoll
                                 Price: 5.924193
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 824009085 < Catering>
                                 Price: 5.837358
 Customer: 824009085 <Catering>
                                                   Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2085857771 <Catering>
                                  Price: 5.385631
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2085857771 <Catering>
                                                    Description: EggRoll <extra Sauce>
                                  Price: 5.100000
 Customer: 2085857771 <Catering>
                                  Price: 5.359230
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2085857771 <Catering>
                                  Price: 5.050000
                                                    Description: EggRoll <extra Filling>
 Customer: 2085857771 <Catering>
                                  Price: 5.151125
                                                    Description: EggRoll <extra Topping> <extra Topping>
 Customer: 2085857771 <Catering>
                                  Price: 6.273918
                                                    Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2085857771 < Catering>
                                  Price: 6.462756
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2085857771 <Catering>
                                  Price: 6.060000
                                                    Description: PastryRoll <extra Filling>
 Customer: 2085857771 <Catering>
                                  Price: 6.559698
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2085857771 <Catering>
                                  Price: 6.399396
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2085857771 <Catering>
                                  Price: 4.775436
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 2085857771 <Catering>
                                  Price: 4.823308
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 4.823308
 Customer: 2085857771 <Catering>
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2085857771 <Catering>
                                  Price: 4.635900
                                                    Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 2085857771 <Catering>
                                  Price: 4.968971
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 248609774 <Business>
                                  Price: 5.050000
                                                   Description: EggRoll <extra Filling>
 Customer: 248609774 <Business>
                                 Price: 5.228265
                                                   Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 248609774 <Business>
                                 Price: 5.808033
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
```

```
Customer: 248609774 <Business>
                                 Price: 5.666100
                                                    Description: JellyRoll <extra Sauce> <extra Filling>
Customer: 248609774 <Business>
                                 Price: 6.430920
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 248609774 <Business>
                                 Price: 6.495388
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 248609774 <Business>
                                 Price: 4.871541
                                 Price: 4.919774
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 248609774 <Business>
Customer: 708049632 <Casual>
                                #Exec: selected roll is sold out!
Customer: 1887400018 < Casual>
                                 #Exec: selected roll is sold out!
Customer: 285377351 < Casual >
                                Price: 5.779422
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 285377351 < Casual >
                                Price: 5.808033
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 344560770 <Business>
                                 Price: 5.280030
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 344560770 <Business>
                                 Price: 5.412822
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                 Price: 5.722200
Customer: 344560770 <Business>
                                                    Description: JellyRoll <extra Sauce> <extra Sauce>
Customer: 344560770 <Business>
                                 Price: 5.954105
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 344560770 <Business>
                                 Price: 6.304824
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 344560770 <Business>
                                 Price: 6.304977
                                                    Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 344560770 <Business>
                                 Price: 4.613175
                                                    Description: SausageRoll <extra Filling> <extra Topping>
Customer: 344560770 <Business>
                                 Price: 4.919774
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 559450121 <Casual>
                                #Exec: selected roll is sold out!
Customer: 716083600 < Casual >
                                Price: 5.280030
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
                                                  Description: EdgRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 716083600 < Casual >
                                Price: 5.439487
Customer: 716083600 < Casual>
                                Price: 5.439487
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 791885625 <Casual>
                                #Exec: selected roll is sold out!
                                                     Description: EggRoll <extra Sauce> <extra Sauce>
Customer: 2001112025 <Business>
                                  Price: 5.202000
Customer: 2001112025 <Business>
                                  Price: 5.306689
                                                     Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                     Description: JellvRoll
Customer: 2001112025 <Business>
                                   Price: 5.500000
Customer: 2001112025 <Business>
                                   Price: 5.779562
                                                     Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 2001112025 <Business>
                                   Price: 6.462756
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 2001112025 <Business>
                                   Price: 6.120000
                                                     Description: PastryRoll <extra Sauce>
Customer: 2001112025 <Business>
                                  Price: 4.728618
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 2001112025 <Business>
                                  Price: 4.968971
Customer: 314265080 <Catering>
                                 #Exec: selected roll is sold out!
Customer: 314265080 <Catering>
                                 #Exec: selected roll is sold out!
Customer: 314265080 <Catering>
                                 #Exec: selected roll is sold out!
Customer: 314265080 < Catering>
                                 Price: 5.722200
                                                    Description: JellyRoll <extra Sauce> <extra Sauce>
Customer: 314265080 < Catering>
                                 Price: 5.808033
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 314265080 < Catering>
                                 Price: 5.924193
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 314265080 < Catering>
                                 Price: 5.954105
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 314265080 < Catering>
                                 Price: 5.751091
                                                    Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
                                 Price: 4.590000
Customer: 314265080 < Catering>
                                                    Description: SausageRoll <extra Sauce>
Customer: 314265080 < Catering>
                                 Price: 4.871541
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 314265080 < Catering>
                                 Price: 5.359230
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 314265080 < Catering>
                                 Price: 5.359230
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 314265080 <Catering>
                                 Price: 5.228265
                                                    Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
                                 Price: 5.385631
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 314265080 <Catering>
Customer: 314265080 <Catering>
                                 Price: 5.000000
                                                    Description: EggRoll
                                 Price: 6.559698
Customer: 314265080 <Catering>
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 314265080 <Catering>
                                 Price: 6.150900
                                                    Description: PastryRoll <extra Filling> <extra Topping>
```

```
Product: EggRoll Total sell: 24
Product: PastryRoll Total sell: 13
Product: SpringRoll Total sell: 5
Product: SausageRoll Total sell: 13
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 27.746460
Customer: Catering Total bill: 240.815002
Customer: Business Total bill: 133.050537
Total payment: 401.612000
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 4
Customer: Catering Outage: 3
Customer: Business Outage: 3
Total outage: 10
Egg Roll: 6
Jelly Roll: 12
Pastry Roll: 0
Spring Roll: 0
Sausage Roll: 0
--Food Store at <220 Summit Blvd> on <Day 38>--
**************************** Day Begin Inventory ***********************
Egg Roll: 6
Jelly Roll: 12
Pastry Roll: 30
Spring Roll: 30
Sausage Roll: 30
***************************** Day Begin Inventory ******************
 Customer: 1288141870 < Casual >
                               Price: 5.306689
                                                Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1288141870 < Casual>
                                Price: 5.202636
                                                 Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1288141870 < Casual>
                                Price: 5.151125
                                                 Description: EggRoll <extra Topping> <extra Topping>
 Customer: 2054881392 < Casual>
                                Price: 5.140698
                                                 Description: SpringRoll <extra Sauce> <extra Filling>
 Customer: 2054881392 < Casual>
                                Price: 5.296075
                                                 Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 966808741 <Business>
                                Price: 5.359230
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 966808741 <Business>
                                Price: 5.359100
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 966808741 <Business>
                                Price: 5.610000
                                                  Description: JellyRoll <extra Sauce>
 Customer: 966808741 <Business>
                                Price: 5.836644
                                                  Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 966808741 <Business>
                                Price: 6.559698
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 966808741 <Business>
                                Price: 6.211800
                                                  Description: PastryRoll <extra Sauce> <extra Topping>
 Customer: 966808741 <Business>
                                Price: 4.776020
                                                  Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 966808741 <Business>
                                Price: 4.776020
                                                  Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 966808741 <Business>
                                Price: 5.217808
                                                  Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 966808741 <Business>
                                Price: 5.455482
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1908153060 <Catering>
                                  Price: 6.181200
                                                   Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 1908153060 <Catering>
                                 Price: 6.120000
                                                   Description: PastryRoll <extra Sauce>
 Customer: 1908153060 <Catering>
                                  Price: 6.304977
                                                   Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1908153060 <Catering>
                                  Price: 6.181350
                                                   Description: PastryRoll <extra Topping> <extra Topping>
                                  Price: 6.304977
 Customer: 1908153060 <Catering>
                                                   Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1908153060 <Catering>
                                  Price: 5.374859
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1908153060 <Catering>
                                  Price: 5.428608
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1908153060 <Catering>
                                  Price: 5.140698
                                                   Description: SpringRoll <extra Sauce> <extra Filling>
 Customer: 1908153060 <Catering>
                                 Price: 5.217808
                                                   Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
```

```
Customer: 1908153060 <Catering>
                                   Price: 5.140822
                                                     Description: SpringRoll <extra Topping> <extra Topping>
Customer: 1908153060 <Catering>
                                   Price: 5.638325
                                                     Description: JellyRoll <extra Filling> <extra Topping>
Customer: 1908153060 <Catering>
                                   Price: 5.808033
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
                                                     Description: JellyRoll <extra Sauce>
Customer: 1908153060 <Catering>
                                   Price: 5.610000
                                   Price: 5.722200
                                                     Description: JellyRoll <extra Sauce> <extra Sauce>
Customer: 1908153060 <Catering>
Customer: 1908153060 <Catering>
                                   Price: 5.500000
                                                     Description: JellyRoll
Customer: 116211441 <Casual>
                                Price: 4.990000
                                                  Description: SpringRoll
Customer: 607635164 <Casual>
                                Price: 5.466415
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                  #Exec: selected roll is sold out!
Customer: 529116035 <Catering>
Customer: 529116035 < Catering>
                                  Price: 4.705439
                                                    Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 529116035 < Catering>
                                  Price: 4.635900
                                                    Description: SausageRoll <extra Sauce> <extra Filling>
Customer: 529116035 <Catering>
                                  Price: 4.500000
                                                    Description: SausageRoll
Customer: 529116035 <Catering>
                                 Price: 4.681800
                                                    Description: SausageRoll <extra Sauce> <extra Sauce>
Customer: 529116035 < Catering>
                                 Price: 4.919774
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 529116035 <Catering>
                                 Price: 5.039900
                                                    Description: SpringRoll <extra Filling>
Customer: 529116035 <Catering>
                                 Price: 5.243639
                                                    Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 529116035 <Catering>
                                  Price: 5.166147
                                                    Description: SpringRoll <extra Sauce> <extra Topping>
Customer: 529116035 < Catering>
                                  Price: 5.374859
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
Customer: 529116035 < Catering>
                                  Price: 5.510037
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 529116035 <Catering>
                                  Price: 6.181200
                                                    Description: PastryRoll <extra Sauce> <extra Filling>
Customer: 529116035 < Catering>
                                  Price: 6.060000
                                                    Description: PastryRoll <extra Filling>
Customer: 529116035 <Catering>
                                  Price: 6.090000
                                                    Description: PastryRoll <extra Topping>
                                                    Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 529116035 <Catering>
                                 Price: 6.273918
Customer: 529116035 <Catering>
                                 Price: 6.090000
                                                    Description: PastryRoll <extra Topping>
Customer: 242481580 <Catering>
                                  Price: 6.367248
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
Customer: 242481580 <Catering>
                                  Price: 6.150900
                                                    Description: PastryRoll <extra Filling> <extra Topping>
Customer: 242481580 <Catering>
                                 Price: 6.304824
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
Customer: 242481580 <Catering>
                                 Price: 6.273918
                                                    Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 242481580 <Catering>
                                  Price: 6.000000
                                                    Description: PastryRoll
Customer: 242481580 <Catering>
                                  Price: 4.500000
                                                    Description: SausageRoll
Customer: 242481580 < Catering>
                                  Price: 4.705439
                                                    Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
                                                    Description: SausageRoll <extra Sauce> <extra Topping>
Customer: 242481580 <Catering>
                                  Price: 4.658850
Customer: 242481580 < Catering>
                                  Price: 4.823191
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
Customer: 242481580 < Catering>
                                  Price: 4.776020
                                                    Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
Customer: 242481580 <Catering>
                                  Price: 5.455482
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 242481580 <Catering>
                                  Price: 5.217808
                                                    Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
Customer: 242481580 <Catering>
                                  Price: 5.243639
                                                    Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
Customer: 242481580 <Catering>
                                  Price: 5.348512
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 242481580 <Catering>
                                  Price: 5.039900
                                                    Description: SpringRoll <extra Filling>
Customer: 1627800613 <Business>
                                   Price: 5.722200
                                                     Description: JellyRoll <extra Sauce> <extra Sauce>
Customer: 1627800613 <Business>
                                   Price: 5.694150
                                                     Description: JellyRoll <extra Sauce> <extra Topping>
Customer: 1627800613 <Business>
                                   Price: 6.211800
                                                     Description: PastryRoll <extra Sauce> <extra Topping>
Customer: 1627800613 <Business>
                                   Price: 6.336036
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
Customer: 1627800613 <Business>
                                   Price: 4.871541
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                   Price: 4.823308
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
Customer: 1627800613 <Business>
Customer: 1627800613 <Business>
                                   Price: 5.322165
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
Customer: 1627800613 <Business>
                                  Price: 5.039900
                                                     Description: SpringRoll <extra Filling>
```

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

Product: JellyRoll Total selí: 9 Product: EggRoll Total sell: 6 Product: PastryRoll Total sell: 19 Product: SpringRoll Total sell: 22 Product: SausageRoll Total sell: 14

```
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 36,553638
Customer: Catering Total bill: 247.012177
Customer: Business Total bill: 99.182915
Total payment: 382.748749
----> Orders impacted by a roll outage by customer type <----
Customer: Catering Outage: 1
Customer: Business Outage: 1
Total outage: 2
Jelly Roll: 3
Pastry Roll: 11
Spring Roll: 8
Sausage Roll: 16
--Food Store at <220 Summit Blvd> on <Day 39>-
***************************** Day Begin Inventory ************************
Egg Roll: 30
Jelly Roll: 3
Pastry Roll: 11
Spring Roll: 8
Sausage Roll: 16
Customer: 2065530879 < Catering >
                                 Price: 5.359100
                                                  Description: EdgRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 2065530879 <Catering>
                                 Price: 5.000000
                                                  Description: EggRoll
 Customer: 2065530879 < Catering>
                                 Price: 5.050000
                                                   Description: EggRoll <extra Filling>
 Customer: 2065530879 < Catering>
                                 Price: 5.521079
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2065530879 < Catering>
                                 Price: 5.075000
                                                  Description: EggRoll <extra Topping>
 Customer: 2065530879 <Catering>
                                 Price: 4.681800
                                                  Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 2065530879 <Catering>
                                 Price: 4.799547
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2065530879 < Catering>
                                 Price: 4.635900
                                                   Description: SausageRoll <extra Sauce> <extra Filling>
                                                   Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 2065530879 < Catering>
                                 Price: 4.681800
 Customer: 2065530879 <Catering>
                                 Price: 4.613175
                                                   Description: SausageRoll <extra Filling> <extra Topping>
                                 Price: 6.399396
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2065530879 <Catering>
 Customer: 2065530879 <Catering>
                                 Price: 6.211800
                                                   Description: PastryRoll <extra Sauce> <extra Topping>
 Customer: 2065530879 <Catering>
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                 Price: 6.527384
 Customer: 2065530879 < Catering>
                                 Price: 6.559698
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2065530879 <Catering>
                                 Price: 6.462756
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 697960108 < Casual >
                               Price: 5.666100
                                                Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 697960108 < Casual>
                               Price: 5.895154
                                                Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 943010986 <Business>
                                Price: 5.202000
                                                  Description: EggRoll <extra Sauce> <extra Sauce>
 Customer: 943010986 <Business>
                                Price: 5.306689
                                                  Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 943010986 <Business>
                                Price: 6.625295
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 943010986 <Business>
                                Price: 6.625295
 Customer: 943010986 <Business>
                                Price: 4.728733
                                                  Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 943010986 <Business>
                                Price: 4.682373
                                                  Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 943010986 <Business>
                                Price: 5.140822
                                                  Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 943010986 <Business>
                                Price: 5.455482
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1807837413 < Casual>
                                Price: 5.466415
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1807837413 < Casual>
                                Price: 5.332830
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1807837413 < Casual>
                                Price: 5.000000
                                                 Description: EggRoll
```

```
Customer: 2066940133 < Casual>
                               #Exec: selected roll is sold out!
 Customer: 2066940133 <Casual>
                              Price: 5.837358 Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 48612937 <Casual>
                             #Exec: selected roll is sold out!
 Customer: 325333723 <Casual>
                              Price: 4.752028 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1937962514 <Business>
                                Price: 5.385631
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1937962514 <Business>
                                Price: 5.466415
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1937962514 <Business>
                                Price: 6.273918
                                                 Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1937962514 <Business>
                                                 Description: PastryRoll <extra Filling> <extra Topping>
                                Price: 6.150900
                                                 Description: SausageRoll <extra Filling>
 Customer: 1937962514 <Business>
                                Price: 4.545000
 Customer: 1937962514 <Business>
                                Price: 4.635900
                                                 Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 1937962514 <Business>
                                Price: 5.322165
                                                 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1937962514 <Business>
                                Price: 5.140822
                                                 Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 274064559 <Casual>
                              Price: 5.322165
                                              Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 274064559 <Casual>
                              Price: 5.374859
                                              Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 274064559 <Casual>
                              Price: 5.243512
                                              Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 3
Product: EggRoll Total sell: 12
Product: PastryRoll Total sell: 9
Product: SpringRoll Total sell: 7
Product: SausageRoll Total sell: 10
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 53.890419
Customer: Catering Total bill: 81.578430
Customer: Business Total bill: 86.687447
Total payment: 222.156281
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 2
Customer: Business Outage: 2
Total outage: 4
Egg Roll: 18
Jelly Roll: 0
Pastry Roll: 2
Spring Roll: 1
Sausage Roll: 6
--Food Store at <220 Summit Blvd> on <Day 40>--
Egg Roll: 18
Jelly Roll: 30
Pastry Roll: 2
Spring Roll: 1
Sausage Roll: 6
Customer: 1018081122 <Casual>
                              Price: 5.666100 Description: JellyRoll <extra Sauce> <extra Filling>
                                               Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1018081122 < Casual>
                               Price: 5.924193
 Customer: 1018081122 < Casual>
                              Price: 5.895154
                                               Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 242131142 <Casual>
                              Price: 5.151000
                                              Description: EggRoll <extra Sauce> <extra Filling>
 Customer: 242131142 <Casual>
                              Price: 5.466415
                                              Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
```

```
Customer: 242131142 <Casual>
                                 Price: 5.254148 Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1782113663 <Business>
                                    Price: 5.151125
                                                       Description: EggRoll <extra Topping> <extra Topping>
                                    Price: 5.385631
                                                       Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1782113663 <Business>
 Customer: 1782113663 <Business>
                                    Price: 5.983435
                                                       Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1782113663 <Business>
                                    Price: 5.666100
                                                       Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 1782113663 <Business>
                                    Price: 6.304977
                                                       Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1782113663 <Business>
                                    Price: 6.181200
                                                       Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 1782113663 <Business>
                                    Price: 4.636013
                                                       Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 1782113663 <Business>
                                    Price: 4.567500
                                                       Description: SausageRoll <extra Topping>
 Customer: 1433867275 <Casual>
                                  Price: 5.836644
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1433867275 <Casual>
                                  Price: 5.779422
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1433867275 <Casual>
                                  Price: 5.582500
                                                    Description: JellyRoll <extra Topping>
 Customer: 476800120 <Casual>
                                 Price: 5.125750
                                                    Description: EggRoll <extra Filling> <extra Topping>
 Customer: 476800120 <Casual>
                                 Price: 5.521079
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 476800120 < Casual>
                                 Price: 5.254148
                                                    Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1744347043 <Casual>
                                  Price: 5.779562
                                                    Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1744347043 < Casual>
                                  Price: 5.779422
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1744347043 < Casual>
                                  Price: 5.866113
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1254526270 <Catering>
                                    #Exec: selected roll is sold out!
 Customer: 1254526270 <Catering>
                                    #Exec: selected roll is sold out!
                                    #Exec: selected roll is sold out!
 Customer: 1254526270 <Catering>
 Customer: 1254526270 <Catering>
                                    Price: 5.510037
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1254526270 <Catering>
                                    Price: 4.635900
                                                       Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 1254526270 <Catering>
                                    Price: 4.567500
                                                       Description: SausageRoll <extra Topping>
 Customer: 1254526270 <Catering>
                                    Price: 4.635900
                                                       Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 1254526270 <Catering>
                                    Price: 4.847068
                                                       Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                                       Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1254526270 <Catering>
                                    Price: 5.254148
 Customer: 1254526270 <Catering>
                                    Price: 5.385631
                                                       Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1254526270 <Catering>
                                    Price: 5.359230
                                                       Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1254526270 <Catering>
                                    Price: 5.202000
                                                       Description: EggRoll <extra Sauce> <extra Sauce>
                                    Price: 5.359230
                                                       Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1254526270 <Catering>
 Customer: 1254526270 <Catering>
                                    Price: 5.779422
                                                       Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1254526270 <Catering>
                                    Price: 5.666100
                                                       Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 1254526270 <Catering>
                                                       Description: JellyRoll <extra Filling> <extra Topping>
                                    Price: 5.638325
 Customer: 1254526270 <Catering>
                                    Price: 5.555000
                                                       Description: JellvRoll <extra Filling>
 Customer: 1254526270 <Catering>
                                    Price: 5.610000
                                                       Description: JellyRoll <extra Sauce>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 16
Product: EggRoll Total sell: 13
Product: PastryRoll Total sell: 2
Product: SpringRoll Total sell: 1
Product: SausageRoll Total sell: 6
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 83.881653
Customer: Catering Total bill: 79.005486
Customer: Business Total bill: 43.875984
Total payment: 206.763123
----> Orders impacted by a roll outage by customer type <----
Customer: Catering Outage: 3
Customer: Business Outage: 1
Total outage: 4
```

```
Roll: 5
Egg
Jelly Roll: 14
Pastry Roll: 0
Spring Roll: 0
Sausage Roll: 0
--Food Store at <220 Summit Blvd> on <Day 41>-
****************************** Day Begin Inventory ****************************
     Roll: 5
Jelly Roll: 14
Pastry Roll: 30
Spring Roll: 30
Sausage Roll: 30
***************************** Day Begin Inventory ******************
 Customer: 662441761 < Casual >
                               Price: 4.636013
                                                 Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 662441761 < Casual >
                                Price: 4.500000
                                                 Description: SausageRoll
 Customer: 1618212626 <Catering>
                                  Price: 4.799547
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1618212626 <Catering>
                                  Price: 4.705439
                                                    Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1618212626 <Catering>
                                  Price: 4.871541
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1618212626 <Catering>
                                  Price: 4.705439
                                                    Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1618212626 <Catering>
                                  Price: 4.847068
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                  Price: 5.582500
                                                    Description: JellyRoll <extra Topping>
 Customer: 1618212626 <Catering>
 Customer: 1618212626 <Catering>
                                  Price: 5.555000
                                                    Description: JellyRoll <extra Filling>
 Customer: 1618212626 <Catering>
                                  Price: 5.779422
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1618212626 <Catering>
                                  Price: 5.610000
                                                    Description: JellyRoll <extra Sauce>
 Customer: 1618212626 <Catering>
                                  Price: 5.895154
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1618212626 <Catering>
                                  Price: 5.439487
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1618212626 <Catering>
                                  Price: 5.412822
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1618212626 <Catering>
                                  Price: 5.151125
                                                    Description: EggRoll <extra Topping> <extra Topping>
 Customer: 1618212626 <Catering>
                                  Price: 5.254020
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1618212626 <Catering>
                                  Price: 5.306040
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1129670968 <Business>
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                  Price: 5.866113
                                  Price: 5.837358
 Customer: 1129670968 <Business>
                                                    Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1129670968 <Business>
                                                    Description: PastryRoll <extra Sauce> <extra Topping>
                                  Price: 6.211800
 Customer: 1129670968 <Business>
                                  Price: 6.273918
                                                    Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1129670968 <Business>
                                  Price: 4.847068
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1129670968 <Business>
                                  Price: 4.775436
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1129670968 <Business>
                                  Price: 5.322165
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1129670968 <Business>
                                  Price: 5.322165
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                                   Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1023714065 < Casual>
                                 Price: 6.304977
 Customer: 1023714065 < Casual>
                                Price: 6.336036
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1023714065 < Casual >
                                Price: 6.090000
                                                  Description: PastryRoll <extra Topping>
 Customer: 2051450519 < Casual>
                                Price: 4.705439
                                                  Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 99747242 <Casual>
                               Price: 6.090000
                                                 Description: PastryRoll <extra Topping>
                                Price: 6.430920
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1837543557 <Casual>
 Customer: 1837543557 < Casual>
                                Price: 6.120000
                                                  Description: PastryRoll <extra Sauce>
 Customer: 1971489295 < Casual>
                                Price: 5.348382
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 985655350 <Casual>
                                Price: 4.799547
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 985655350 <Casual>
                                Price: 4.823308
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
```

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Customer: 804611486 < Casual >
                                Price: 5.866113
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 804611486 < Casual >
                                Price: 5.751091
                                                 Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2008017533 <Catering>
                                  #Exec: selected roll is sold out!
 Customer: 2008017533 <Catering>
                                  Price: 6.243164
                                                    Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 2008017533 <Catering>
                                                    Description: PastryRoll <extra Sauce> <extra Topping>
                                  Price: 6.211800
 Customer: 2008017533 <Catering>
                                  Price: 6.243164
                                                    Description: PastryRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 2008017533 <Catering>
                                  Price: 6.181200
                                                    Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 2008017533 <Catering>
                                  Price: 6.625295
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 2008017533 <Catering>
                                  Price: 5.866113
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2008017533 <Catering>
                                  Price: 5.751091
                                                    Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 2008017533 <Catering>
                                  Price: 5.779422
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
                                                    Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 2008017533 <Catering>
                                  Price: 5.779562
 Customer: 2008017533 <Catering>
                                  Price: 5.924193
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 2008017533 <Catering>
                                  Price: 4.636013
                                                    Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 2008017533 <Catering>
                                  Price: 4.823191
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 2008017533 <Catering>
                                  Price: 4.636013
                                                    Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 2008017533 <Catering>
                                  Price: 4.681800
                                                    Description: SausageRoll <extra Sauce> <extra Sauce>
 Customer: 2008017533 <Catering>
                                  Price: 4.728733
                                                    Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 370988149 < Casual >
                                #Exec: selected roll is sold out!
 Customer: 1395089624 < Casual>
                                 Price: 6.368027
                                                  Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1395089624 < Casual >
                                 Price: 6.625295
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1476011703 < Casual>
                                 Price: 4.590000
                                                  Description: SausageRoll <extra Sauce>
 Customer: 1476011703 < Casual>
                                 Price: 4.799547
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1476011703 < Casual>
                                Price: 4.895538
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 14
Product: EggRoll Total sell: 5
Product: PastryRoll Total sell: 15
Product: SpringRoll Total sell: 3
Product: SausageRoll Total sell: 20
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 105.080231
Customer: Catering Total bill: 163.025360
Customer: Business Total bill: 44.456028
Total payment: 312.561615
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 1
Customer: Catering Outage: 1
Customer: Business Outage: 1
Total outage: 3
Egg Roll: 0
Jelly Roll: 0
Pastry Roll: 15
Spring Roll: 27
Sausage Roll: 10
--Food Store at <220 Summit Blvd> on <Day 42>-
```

Egg Roll: 30

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Jelly Roll: 30
Pastry Roll: 15
Spring Roll: 27
Sausage Roll: 10
***************************** Day Begin Inventory ******************
                                    Price: 5.243639
 Customer: 1603195447 <Catering>
                                                      Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1603195447 <Catering>
                                    Price: 5.217808
                                                      Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1603195447 <Catering>
                                    Price: 5.269470
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1603195447 <Catering>
                                    Price: 5.191596
                                                      Description: SpringRoll <extra Sauce> <extra Sauce>
 Customer: 1603195447 <Catering>
                                    Price: 5.166147
                                                      Description: SpringRoll <extra Sauce> <extra Topping>
                                    Price: 5.666237
 Customer: 1603195447 <Catering>
                                                      Description: JellyRoll <extra Topping> <extra Topping>
                                    Price: 5.694150
 Customer: 1603195447 <Catering>
                                                      Description: JellyRoll <extra Sauce> <extra Topping>
 Customer: 1603195447 <Catering>
                                    Price: 5.751091
                                                      Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1603195447 <Catering>
                                    Price: 5.808033
                                                      Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1603195447 <Catering>
                                    Price: 5.610000
                                                      Description: JellyRoll <extra Sauce>
 Customer: 1603195447 <Catering>
                                    Price: 6.000000
                                                      Description: PastryRoll
 Customer: 1603195447 <Catering>
                                    Price: 6.559698
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                                      Description: PastryRoll <extra Sauce> <extra Sauce>
 Customer: 1603195447 <Catering>
                                    Price: 6.242400
 Customer: 1603195447 <Catering>
                                    Price: 6.399396
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1603195447 <Catering>
                                    Price: 6.430920
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 792791759 <Casual>
                                 Price: 5.954105
                                                   Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 792791759 <Casual>
                                 Price: 5.638325
                                                   Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 792791759 <Casual>
                                 Price: 5.866113
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1191747167 <Business>
                                    Price: 5.050000
                                                      Description: EggRoll <extra Filling>
 Customer: 1191747167 <Business>
                                    Price: 5.306040
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1191747167 <Business>
                                    Price: 5.837358
                                                      Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                    Price: 5.779422
                                                      Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1191747167 <Business>
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1191747167 <Business>
                                    Price: 6.625295
                                    Price: 6.304824
 Customer: 1191747167 <Business>
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1191747167 <Business>
                                    Price: 4.658850
                                                      Description: SausageRoll <extra Sauce> <extra Topping>
 Customer: 1191747167 <Business>
                                    Price: 4.658850
                                                      Description: SausageRoll <extra Sauce> <extra Topping>
 Customer: 1191747167 <Business>
                                    Price: 5.295428
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1191747167 <Business>
                                    Price: 5.269470
                                                      Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1094834071 <Casual>
                                  Price: 5.694150
                                                    Description: JellyRoll <extra Sauce> <extra Topping>
 Customer: 1761061602 <Catering>
                                    Price: 6.181350
                                                      Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 1761061602 <Catering>
                                    Price: 6.431076
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1761061602 <Catering>
                                    Price: 6.060000
                                                      Description: PastryRoll <extra Filling>
                                    Price: 6.399396
 Customer: 1761061602 <Catering>
                                                      Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                    Price: 6.181200
 Customer: 1761061602 <Catering>
                                                      Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 1761061602 <Catering>
                                    Price: 4.823191
                                                      Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1761061602 <Catering>
                                    Price: 4.658850
                                                      Description: SausageRoll <extra Sauce> <extra Topping>
 Customer: 1761061602 <Catering>
                                    Price: 4.919774
                                                      Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                    Price: 4.968971
                                                      Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1761061602 <Catering>
 Customer: 1761061602 <Catering>
                                    Price: 4.705439
                                                      Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1761061602 <Catering>
                                    Price: 5.954105
                                                      Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                    Price: 5.895154
                                                      Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1761061602 <Catering>
 Customer: 1761061602 <Catering>
                                    Price: 5.722200
                                                      Description: JellyRoll <extra Sauce> <extra Sauce>
 Customer: 1761061602 <Catering>
                                    Price: 5.722899
                                                      Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
                                    Price: 5.837358
                                                      Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1761061602 <Catering>
 Customer: 1330106945 <Catering>
                                    Price: 5.228265
                                                      Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1330106945 <Catering>
                                    Price: 5.280030
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1330106945 <Catering>
                                    Price: 5.466415
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                    Price: 5.439487
                                                      Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1330106945 <Catering>
 Customer: 1330106945 <Catering>
                                    Price: 5.125750
                                                      Description: EggRoll <extra Filling> <extra Topping>
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Customer: 1330106945 <Catering>
                                   Price: 5.751091
                                                     Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1330106945 <Catering>
                                   Price: 6.013056
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1330106945 <Catering>
                                   Price: 6.073187
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1330106945 <Catering>
                                   Price: 5.779422
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1330106945 <Catering>
                                   Price: 5.779422
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1330106945 <Catering>
                                   Price: 5.401998
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1330106945 <Catering>
                                   Price: 5.296075
                                                     Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1330106945 <Catering>
                                   Price: 5.089800
                                                     Description: SpringRoll <extra Sauce>
 Customer: 1330106945 <Catering>
                                   Price: 5.166147
                                                     Description: SpringRoll <extra Sauce> <extra Topping>
 Customer: 1330106945 <Catering>
                                   Price: 5.401998
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1279149968 < Casual>
                                 Price: 4.590000
                                                   Description: SausageRoll <extra Sauce>
 Customer: 1279149968 < Casual>
                                 Price: 4.776020
                                                   Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1279149968 < Casual>
                                 Price: 4.682373
                                                   Description: SausageRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 59559151 <Casual>
                               Price: 6.367248
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 59559151 <Casual>
                               Price: 6.181350
                                                 Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 59559151 <Casual>
                               Price: 6.211800
                                                 Description: PastryRoll <extra Sauce> <extra Topping>
 Customer: 1450821318 <Business>
                                   Price: 5.202636
                                                     Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1450821318 <Business>
                                   Price: 5.100000
                                                     Description: EggRoll <extra Sauce>
 Customer: 1450821318 <Business>
                                   Price: 5.582500
                                                     Description: JellyRoll <extra Topping>
 Customer: 1450821318 <Business>
                                   Price: 5.895154
                                                     Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1450821318 <Business>
                                   Price: 5.243639
                                                     Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1450821318 <Business>
                                   Price: 5.428608
                                                     Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 668849042 < Casual >
                                Price: 5.332830
                                                  Description: EgqRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 668849042 < Casual >
                                Price: 5.151000
                                                  Description: EggRoll <extra Sauce> <extra Filling>
 Customer: 668849042 <Casual>
                                Price: 5.306689
                                                  Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 434176574 <Casual>
                                                  Description: SpringRoll <extra Sauce> <extra Topping>
                                Price: 5.166147
 Customer: 434176574 < Casual >
                                Price: 5.243639
                                                  Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 434176574 < Casual >
                                Price: 5.243512
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 2096057945 <Casual>
                                 #Exec: selected roll is sold out!
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 23
Product: EggRoll Total sell: 12
Product: PastryRoll Total sell: 15
Product: SpringRoll Total sell: 17
Product: SausageRoll Total sell: 10
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 87.405296
Customer: Catering Total bill: 253.003693
Customer: Business Total bill: 87.238083
Total payment: 427.647095
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 1
Customer: Business Outage: 2
Total outage: 3
Egg Roll: 18
Jelly Roll: 7
Pastry Roll: 0
Spring Roll: 10
Sausage Roll: 0
```

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--Food Store at <220 Summit Blvd> on <Dav 43>--
***************************** Day Begin Inventory ******************
     Roll: 18
Jelly Roll: 7
Pastry Roll: 30
Spring Roll: 10
Sausage Roll: 30
Customer: 1689843956 <Casual>
                                 Price: 5.140822
                                                   Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 1689843956 < Casual>
                                 Price: 5.140698
                                                   Description: SpringRoll <extra Sauce> <extra Filling>
 Customer: 766572210 <Casual>
                                Price: 5.140822
                                                  Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 766572210 <Casual>
                                Price: 5.348512
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1020391880 < Casual>
                                 Price: 5.582500
                                                   Description: JellyRoll <extra Topping>
 Customer: 1020391880 < Casual>
                                 Price: 5.722899
                                                   Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 977993101 < Casual >
                                Price: 5.722899
                                                  Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 429313384 <Catering>
                                  #Exec: selected roll is sold out!
 Customer: 429313384 < Catering>
                                  Price: 5.954105
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 429313384 <Catering>
                                  Price: 5.582500
                                                    Description: JellyRoll <extra Topping>
                                  Price: 5.722200
 Customer: 429313384 <Catering>
                                                    Description: JellyRoll <extra Sauce> <extra Sauce>
                                  Price: 6.013056
 Customer: 429313384 <Catering>
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 429313384 < Catering>
                                  Price: 6.304824
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 429313384 < Catering>
                                  Price: 6.000000
                                                    Description: PastryRoll
 Customer: 429313384 <Catering>
                                  Price: 6.495388
                                                    Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 429313384 <Catering>
                                  Price: 6.181200
                                                    Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 429313384 <Catering>
                                  Price: 6.181350
                                                    Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 429313384 <Catering>
                                  Price: 5.140822
                                                    Description: SpringRoll <extra Topping> <extra Topping>
 Customer: 429313384 < Catering>
                                  Price: 5.192231
                                                    Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 429313384 < Catering>
                                  Price: 5.295428
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 429313384 < Catering>
                                  Price: 5.295428
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                  Price: 5.374859
 Customer: 429313384 <Catering>
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                  Price: 4.728618
 Customer: 429313384 <Catering>
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 859417998 < Casual>
                                #Exec: selected roll is sold out!
 Customer: 5592464 <Casual>
                              Price: 6.559698
                                                Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 5592464 <Casual>
                              Price: 6.495388
                                                Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 5592464 <Casual>
                              Price: 6.399396
                                                Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1830712962 <Casual>
                                 Price: 6.000000
                                                   Description: PastryRoll
 Customer: 1830712962 < Casual>
                                 Price: 6.150900
                                                   Description: PastryRoll <extra Filling> <extra Topping>
 Customer: 1112280004 <Business>
                                   Price: 5.439487
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1112280004 <Business>
                                   Price: 5.412822
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1112280004 <Business>
                                   Price: 6.181200
                                                     Description: PastryRoll <extra Sauce> <extra Filling>
 Customer: 1112280004 <Business>
                                   Price: 6.181350
                                                     Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 1112280004 <Business>
                                   Price: 4.871541
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                   Price: 4.895538
 Customer: 1112280004 <Business>
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1013423070 < Casual>
                                 #Exec: selected roll is sold out!
 Customer: 1013423070 < Casual>
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
                                 Price: 5.322165
 Customer: 380936215 <Casual>
                                Price: 6.559698
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 380936215 <Casual>
                                Price: 6.625295
                                                  Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
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Customer: 380936215 < Casual >
                                 Price: 6.211800 Description: PastryRoll <extra Sauce> <extra Topping>
 Customer: 142638629 <Catering>
                                   #Exec: selected roll is sold out!
                                   Price: 5.385631
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 142638629 <Catering>
                                   Price: 5.075000
 Customer: 142638629 <Catering>
                                                     Description: EggRoll <extra Topping>
 Customer: 142638629 < Catering>
                                  Price: 5,202000
                                                     Description: EggRoll <extra Sauce> <extra Sauce>
                                                     Description: EggRoll <extra Filling>
 Customer: 142638629 <Catering>
                                  Price: 5.050000
 Customer: 142638629 <Catering>
                                  Price: 5.359230
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 142638629 <Catering>
                                  Price: 4.545000
                                                     Description: SausageRoll <extra Filling>
 Customer: 142638629 <Catering>
                                  Price: 4.705439
                                                     Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
                                  Price: 4.545000
 Customer: 142638629 <Catering>
                                                     Description: SausageRoll <extra Filling>
                                   Price: 4.968971
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 142638629 <Catering>
 Customer: 142638629 < Catering>
                                   Price: 4.847068
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 142638629 < Catering>
                                   Price: 6.399396
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 142638629 <Catering>
                                   Price: 6.304977
                                                     Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 142638629 < Catering>
                                  Price: 6.242400
                                                     Description: PastryRoll <extra Sauce> <extra Sauce>
 Customer: 142638629 < Catering>
                                  Price: 6.304977
                                                     Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 142638629 < Catering>
                                  Price: 6.559698
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 707806938 < Casual >
                                 Price: 6.367248
                                                   Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 705265961 < Casual >
                                 Price: 4.871541
                                                   Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 705265961 < Casual >
                                 Price: 4.636013
                                                   Description: SausageRoll <extra Topping> <extra Topping>
 Customer: 428746855 <Catering>
                                   #Exec: selected roll is sold out!
                                  #Exec: selected roll is sold out!
 Customer: 428746855 <Catering>
 Customer: 428746855 <Catering>
                                  Price: 5.202636
                                                     Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 428746855 <Catering>
                                  Price: 5.151125
                                                     Description: EggRoll <extra Topping> <extra Topping>
 Customer: 428746855 <Catering>
                                  Price: 5.125750
                                                     Description: EggRoll <extra Filling> <extra Topping>
 Customer: 428746855 <Catering>
                                   Price: 5.521079
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 428746855 <Catering>
                                  Price: 5.359230
                                                     Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 428746855 <Catering>
                                  Price: 6.273918
                                                     Description: PastryRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 428746855 <Catering>
                                   Price: 6.120000
                                                     Description: PastryRoll <extra Sauce>
 Customer: 428746855 <Catering>
                                   Price: 6.304977
                                                     Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 428746855 <Catering>
                                   Price: 6.559698
                                                     Description: PastryRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 428746855 <Catering>
                                   Price: 6.304977
                                                     Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 428746855 <Catering>
                                   Price: 4.500000
                                                     Description: SausageRoll
 Customer: 428746855 <Catering>
                                  Price: 4.752028
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 428746855 <Catering>
                                  Price: 4.799547
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 428746855 <Catering>
                                  Price: 4.705439
                                                     Description: SausageRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 428746855 <Catering>
                                  Price: 4.895538
                                                     Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 317983781 < Casual >
                                 #Exec: selected roll is sold out!
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 7
Product: EggRoll Total sell: 12
Product: PastryRoll Total sell: 26
Product: SpringRoll Total sell: 10
Product: SausageRoll Total sell: 15
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 109.998299
Customer: Catering Total bill: 248.532715
Customer: Business Total bill: 32.981937
Total payment: 391.512939
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 3
```

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Customer: Catering Outage: 4
Customer: Business Outage: 2
Total outage: 9
Egg Roll: 6
Jelly Roll: 0
Pastry Roll: 4
Spring Roll: 0
Sausage Roll: 15
--Food Store at <220 Summit Blvd> on <Day 44>-
****************************** Day Begin Inventory ****************************
Egg Roll: 6
Jelly Roll: 30
Pastry Roll: 4
Spring Roll: 30
Sausage Roll: 15
***************************** Day Begin Inventory **********************
 Customer: 987405879 <Casual>
                              Price: 4.500000
                                                 Description: SausageRoll
 Customer: 987405879 <Casual>
                               Price: 4.823191
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1555845260 <Catering>
                                  Price: 5.166147
                                                    Description: SpringRoll <extra Sauce> <extra Topping>
 Customer: 1555845260 <Catering>
                                  Price: 5.295428
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1555845260 <Catering>
                                  Price: 5.374859
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1555845260 <Catering>
                                  Price: 5.374859
 Customer: 1555845260 <Catering>
                                  Price: 5.428608
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1555845260 <Catering>
                                  Price: 5.983435
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1555845260 <Catering>
                                  Price: 5.895010
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1555845260 <Catering>
                                  Price: 5.722899
                                                    Description: JellyRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1555845260 <Catering>
                                  Price: 5.895010
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1555845260 <Catering>
                                  Price: 5.555000
                                                    Description: JellyRoll <extra Filling>
 Customer: 1555845260 <Catering>
                                  Price: 5.075000
                                                    Description: EggRoll <extra Topping>
 Customer: 1555845260 <Catering>
                                  Price: 5.466415
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1555845260 <Catering>
                                  Price: 5.306689
                                                    Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.385631
 Customer: 1555845260 <Catering>
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
                                  Price: 5.254148
 Customer: 1555845260 <Catering>
                                                    Description: EggRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 874088044 < Casual >
                                #Exec: selected roll is sold out!
 Customer: 874088044 < Casual >
                                Price: 5.521079 Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                 Price: 5.779422
 Customer: 104739310 <Business>
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 104739310 <Business>
                                 Price: 5.895154
                                                   Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 104739310 <Business>
                                 Price: 6.304977
                                                   Description: PastryRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 104739310 <Business>
                                 Price: 6.181350
                                                   Description: PastryRoll <extra Topping> <extra Topping>
 Customer: 104739310 <Business>
                                 Price: 4.681800
                                                   Description: SausageRoll <extra Sauce> <extra Sauce>
                                 Price: 4.728733
                                                   Description: SausageRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 104739310 <Business>
                                 Price: 5.243639
                                                   Description: SpringRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 104739310 <Business>
 Customer: 104739310 <Business>
                                 Price: 5.322165
                                                   Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1761291320 <Casual>
                                Price: 5.348512
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1761291320 <Casual>
                                Price: 5.374859
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1451043227 < Casual>
                                Price: 4.613175
                                                  Description: SausageRoll <extra Filling> <extra Topping>
 Customer: 1451043227 <Casual>
                                Price: 4.752028
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping>
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 7
```

Product: EggRoll Total sell: 6

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Product: PastryRoll Total sell: 2
Product: SpringRoll Total sell: 9
Product: SausageRoll Total sell: 6
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 34.932842
Customer: Catering Total bill: 82.179138
Customer: Business Total bill: 44.137245
Total payment: 161.249237
----> Orders impacted by a roll outage by customer type <----
Customer: Casual Outage: 1
Customer: Business Outage: 1
Total outage: 2
Egg Roll: 0
Jelly Roll: 23
Pastry Roll: 2
Spring Roll: 21
Sausage Roll: 9
-Food Store at <220 Summit Blvd> on <Day 45>-
Roll: 30
Jelly Roll: 23
Pastry Roll: 2
Spring Roll: 21
Sausage Roll: 9
****************************** Day Begin Inventory **********************
 Customer: 783286238 <Business>
                                                 Description: EggRoll
                               Price: 5.000000
 Customer: 783286238 <Business>
                                Price: 5.412822
                                                 Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 783286238 <Business>
                                Price: 5.638325
                                                 Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 783286238 <Business>
                                Price: 5.866113
                                                 Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 783286238 <Business>
                                Price: 6.625295
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 783286238 <Business>
                                Price: 6.399396
                                                 Description: PastryRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 783286238 <Business>
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                Price: 4.823308
 Customer: 783286238 <Business>
                                Price: 4.775436
                                                 Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce>
                                                 Description: SpringRoll <extra Filling>
 Customer: 783286238 <Business>
                                Price: 5.039900
 Customer: 783286238 <Business>
                                Price: 5.140698
                                                 Description: SpringRoll <extra Sauce> <extra Filling>
 Customer: 1500056228 <Business>
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                 Price: 5.521079
 Customer: 1500056228 <Business>
                                 Price: 5.280030
                                                  Description: EggRoll <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1500056228 <Business>
                                 Price: 5.779562
                                                  Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1500056228 <Business>
                                 Price: 5.610000
                                                  Description: JellyRoll <extra Sauce>
 Customer: 1500056228 <Business>
                                 Price: 4.728618
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1500056228 <Business>
                                 Price: 4.847068
                                                  Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1500056228 <Business>
                                 Price: 5.348512
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1500056228 <Business>
                                 Price: 5.039900
                                                  Description: SpringRoll <extra Filling>
 Customer: 1749186397 <Casual>
                               Price: 5.374859
                                                Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1464642111 <Casual>
                               Price: 5.837358
                                                Description: JellyRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1464642111 < Casual>
                               Price: 5.895010
                                                Description: JellyRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 105704967 < Casual >
                              Price: 4.635900
                                               Description: SausageRoll <extra Sauce> <extra Filling>
 Customer: 105704967 <Casual>
                              Price: 4.658850
                                               Description: SausageRoll <extra Sauce> <extra Topping>
 Customer: 105704967 <Casual>
                              Price: 4.500000
                                               Description: SausageRoll
```

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Customer: 392292416 <Casual>
                               Price: 5.306689
                                                 Description: EggRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1818402158 < Casual>
                                Price: 5.348382
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling>
                                Price: 5.510037
 Customer: 1818402158 < Casual >
                                                  Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1818402158 < Casual>
                                Price: 5.295428
                                                 Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1590550415 <Business>
                                  Price: 5.000000
                                                    Description: EagRoll
 Customer: 1590550415 <Business>
                                  Price: 5.228265
                                                    Description: EggRoll <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1590550415 <Business>
                                  Price: 5.666100
                                                    Description: JellyRoll <extra Sauce> <extra Filling>
 Customer: 1590550415 <Business>
                                  Price: 5.895154
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1590550415 <Business>
                                  Price: 4.919774
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
                                  Price: 4.895538
                                                    Description: SausageRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1590550415 <Business>
 Customer: 1590550415 <Business>
                                  Price: 5.115499
                                                    Description: SpringRoll <extra Filling> <extra Topping>
 Customer: 1590550415 <Business>
                                  Price: 5.192231
                                                    Description: SpringRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1058025095 <Catering>
                                  #Exec: selected roll is sold out!
                                  Price: 5.779422
 Customer: 1058025095 <Catering>
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1058025095 <Catering>
                                  Price: 5.954105
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1058025095 <Catering>
                                  Price: 5.638325
                                                    Description: JellyRoll <extra Filling> <extra Topping>
 Customer: 1058025095 <Catering>
                                  Price: 5.779562
                                                    Description: JellyRoll <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1058025095 <Catering>
                                  Price: 5.779422
                                                    Description: JellyRoll <extra Sauce> <extra Sauce> <extra Filling>
 Customer: 1058025095 <Catering>
                                  Price: 5.455482
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1058025095 <Catering>
                                  Price: 5.348512
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Topping> <extra Topping>
 Customer: 1058025095 <Catering>
                                  Price: 5.296075
                                                    Description: SpringRoll <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
 Customer: 1058025095 <Catering>
                                  Price: 5.401998
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping> <extra Topping>
                                  Price: 5.322165
                                                    Description: SpringRoll <extra Sauce> <extra Sauce> <extra Filling> <extra Topping>
 Customer: 1058025095 <Catering>
 Customer: 1058025095 <Catering>
                                  Price: 5.385631
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce> <extra Topping>
 Customer: 1058025095 <Catering>
                                  Price: 5.202636
                                                    Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1058025095 <Catering>
                                  Price: 5.202636
                                                    Description: EggRoll <extra Filling> <extra Topping> <extra Topping>
 Customer: 1058025095 <Catering>
                                  Price: 5.306040
                                                    Description: EggRoll <extra Sauce> <extra Sauce> <extra Sauce>
 Customer: 1058025095 <Catering>
                                  Price: 5.000000
                                                    Description: EggRoll
----> Count inventory orders by roll type <----
Product: JellyRoll Total sell: 13
Product: EggRoll Total sell: 12
Product: PastryRoll Total sell: 2
Product: SpringRoll Total sell: 15
Product: SausageRoll Total sell: 9
----> Total payment for orders by customer type <----
Customer: Casual Total bill: 52.362514
Customer: Catering Total bill: 81.852005
Customer: Business Total bill: 138.788620
Total payment: 273.003143
----> Orders impacted by a roll outage by customer type <----
Customer: Catering Outage: 1
Customer: Business Outage: 2
Total outage: 3
Egg Roll: 18
Jelly Roll: 10
Pastry Roll: 0
Spring Roll: 6
Sausage Roll: 0
--- Summary for last 45 Days ---
```

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

Product: JellyRoll Total sell: 500
Product: EggRoll Total sell: 462
Product: PastryRoll Total sell: 450
Product: SpringRoll Total sell: 444
Product: SausageRoll Total sell: 480
----> Total payment for orders by customer type <---Customer: Casual Total bill: 2777.896484
Customer: Catering Total bill: 3082.867920
Total payment: 12762.003906
----> Orders impacted by a roll outage by customer type <---Customer: Casual Outage: 77
Customer: Catering Outage: 72
Customer: Business Outage: 84
Total outage: 233