Instructions

Welcome to Storage! Here, you will find everything you need to know about how to activate and use our system.

Our instructions are simple, and you should not have any problems with the activation of the system, but in case you are struggling, please give us a call and we will help you.

To activate our system, you need to follow the following steps:

1. Open the command line in your computer. You can do it by searching "cmd" in your computer applications.
2. Go to the folder where you hold the jar file. You can do it by typing "cd folder1\folder2\..." in the command line. Make sure you replace the words "folder1" and "folder2" with your folders. You can check which folder you need to go to by looking at the File Explorer in your computer.
3. Type "java -jar adss2024_v02.jar".
4. For each action you want to do, enter the corresponding number of the action, shown on the screen. Then, follow the instructions.
5. In the system, if you want to add example data, press 'y', press 'n' if you don't want to. Other input isn't acceptable.
6. In the system:
    1) If you want to see a specific product, press 1 and insert catalog number.
    2) If you want to add a new product to the system, press 2 and insert the information the system asks you to. Discounts should be between 0 to 1, and categories (including sub categories and sizes) should be from the categories in the system
    3) If you want to increase a product quantity, press 3 and insert the information asked by the system. The date should be in this and only this format: YYYY-MM-DD. For example, 23.12.2025 -> 2025-12-23.
    4) If you want to move products from storage to store, press 4 and insert the information asked by the system. The date should be in this and only this format: YYYY-MM-DD. For example, 23.12.2025 -> 2025-12-23.
    5) If you want to decrease a product quantity, press 5 and follow the instructions in the system. The same requirements for the dates belong here too. If you wish to stop entering data, just press '.' when requested. You will be asked after each quantity, if you want to stop.
    6) If you want to increase a product damage quantity, press 6 and follow the instructions. The same requirements for the dates belong here too. If you wish to stop entering data, just press '.' when requested. You will be asked after each quantity, if you want to stop.
    7) If you want to increase the product expired quantity, press 7 and follow the instructions. The same requirements for date belong here too.

8) If you want to update your product buy price, press 8 and follow the instructions.
9) If you want to update your product sale price, press 9 and follow the instructions.
10) If you want to update your product supplier discount, press 10 and follow the instructions. Remember: the discount must be a number between 0 to 1.
11) If you want to update your product manufacturer, press 11 and follow the instructions.
12) If you want to update your product aisle, press 12 and follow the instructions.
13) If you want to update your product minimal quantity, press 13 and follow the instructions.
14) If you want to update your product's discount, press 14 and follow the instructions.
15) If you want to update discount for multiple categories, press 15 and follow the instructions. Remember: the discount must be a number between 0 to 1. You will be asked to select a category, or type all to get the entire store. If you select a category, the process will be the same for subcategories, and if you pick a subcategory, the process will be the same for sizes. Then, you will be asked if you finished selecting categories. If you do, press '.', otherwise press any other key, and the process will continue as before.
16) If you want to remove product from the system, press 16 and insert catalog number.
17) If you want to produce a product report, press 17 and follow the instructions. You will be asked to select a category, or type all to get the entire store. If you select a category, the process will be the same for subcategories, and if you pick a subcategory, the process will be the same for sizes. Then, you will be asked if you finished selecting categories. If you do, press '.', otherwise press any other key, and the process will continue as before.
18) If you want to produce a damage and expired report, press 18.
19) If you want to see which products reached their minimal quantity, press 19.
20) If you want to know the expired quantity of each product, press 20.
21) If you want to add a category, press 21 and enter the category name.
22) If you want to add a sub category, press 22 and enter the sub category name.
23) If you want to add a size, press 23 and enter the size name.
24) If you want to leave the system, press 24.

7. Notice that for any other input, a message will pop on the screen saying you need to choose again, because the last input is invalid.

8. If you insert wrong data to one of the options mentioned above, the system will print: "please give us good info!"

The data stored for you is the beginning data, use it as you wish. The data is as follows:

category
Dairy
Meat
Vegetables
Fruits
Cleaning
Electronics
Clothing

CATALOGNUMBER	EXPIRATIONDATE	STORAGEQUANTITY	STOREQUANTITY
1	31/08/2024	100	90
2	31/08/2024	50	45
3	31/08/2024	80	70
4	31/08/2024	120	110
5	31/08/2024	60	55
6	31/08/2024	40	35
7	31/08/2024	30	25
8	31/08/2024	50	45
9	31/08/2024	200	180
10	31/08/2024	150	135
11	31/08/2024	180	170
12	31/08/2024	100	90
13	31/08/2024	120	110
14	31/08/2024	150	135
15	31/08/2024	80	70
16	31/08/2024	100	90
17	31/08/2024	120	110
18	31/08/2024	100	90
19	31/08/2024	30	25
20	31/08/2024	50	45
21	31/08/2024	80	70
22	31/08/2024	60	55
23	31/08/2024	200	180
24	31/08/2024	150	135
25	31/08/2024	120	110
26	31/08/2024	180	170
27	31/08/2024	50	45
28	31/08/2024	60	55
29	31/08/2024	70	65
30	31/08/2024	100	90
31	31/08/2024	80	70
32	31/08/2024	60	55
33	31/08/2024	120	110

34	31/08/2024	100	90
35	31/08/2024	80	70
36	31/08/2024	90	80
37	31/08/2024	100	90
38	31/08/2024	80	70
39	31/08/2024	70	65
40	31/08/2024	120	110
41	31/08/2024	100	90
42	31/08/2024	80	70
43	31/08/2024	60	55
44	31/08/2024	40	35
45	31/08/2024	30	25
46	31/08/2024	50	45
47	31/08/2024	60	55
48	31/08/2024	80	70
49	31/08/2024	70	65
50	31/08/2024	60	55
51	31/08/2024	50	45

CATALOGNUMBER	EXPIREDDATE	QUANTITY
1	01/01/2024	5
2	05/01/2024	2
3	10/01/2024	3
4	15/01/2024	4
5	20/01/2024	1
6	25/01/2024	2
7	30/01/2024	1
8	01/02/2024	2
9	05/02/2024	10
10	10/02/2024	5
11	15/02/2024	3
12	20/02/2024	5
13	25/02/2024	5
14	01/03/2024	5
15	05/03/2024	2
16	10/03/2024	5
17	15/03/2024	3
18	20/03/2024	2
19	25/03/2024	2
20	30/03/2024	2
21	01/04/2024	3
22	05/04/2024	2
23	10/04/2024	10
24	15/04/2024	5
25	20/04/2024	5
26	25/04/2024	3
27	30/04/2024	2
28	01/05/2024	3
29	05/05/2024	2

30	10/05/2024	3
31	15/05/2024	2
32	20/05/2024	1
33	25/05/2024	4
34	30/05/2024	3
35	01/06/2024	2
36	05/06/2024	3
37	10/06/2024	4
38	15/06/2024	2
39	20/06/2024	2
40	25/06/2024	3
41	30/06/2024	2
42	01/06/2024	1
43	05/06/2024	1
44	10/06/2024	2
45	15/06/2024	1
46	20/06/2024	2
47	25/06/2024	3
48	30/06/2024	2
49	01/06/2024	1
50	05/06/2024	3
51	10/06/2024	2

CATALOGNUMBER	NAME	CATEGORY	SUBCATEGORY	SIZE	BUYPRICE
1	Whole Milk	Dairy	Milk	Medium	2
2	Cheddar Cheese	Dairy	Cheese	Small	5
3	Greek Yogurt	Dairy	Yogurt	Medium	3
4	Free Range Eggs	Dairy	Eggs	Medium	4
5	Chicken Breast	Meat	Chicken	Large	8
6	Beef Steak	Meat	Beef	Small	12
7	Salmon Fillet	Meat	Fish	Small	9
8	Pork Chops	Meat	Pork	Medium	7
9	Carrots	Vegetables	Carrots	Medium	1.5
10	Tomatoes	Vegetables	Tomatoes	Medium	2
11	Cucumbers	Vegetables	Cucumbers	Small	1
12	Red Apples	Fruits	Apples	Medium	3
13	Bananas	Fruits	Bananas	Medium	2.5
14	Oranges	Fruits	Oranges	Medium	2.5
15	Dish Soap	Cleaning	Soap	Small	1.5
16	Laundry Detergent	Cleaning	Detergent	Large	5
17	Shampoo	Cleaning	Shampoo	Medium	3
18	Conditioner	Cleaning	Conditioner	Medium	3.5
19	Smart TV	Electronics	TV	Large	500
20	Laptop	Electronics	Computer	Medium	800
21	Smartphone	Electronics	Phone	Small	600
22	Tablet	Electronics	Tablet	Medium	400

23	Cotton Shirt	Clothing	Shirt	Medium	15
24	Jeans	Clothing	Pants	Medium	25
25	Running Shoes	Clothing	Shoes	Large	40
26	Sun Hat	Clothing	Hat	Small	10
27	Salmon Fillet	Meat	Fish	Large	10
28	Pork Ribs	Meat	Pork	Large	9
29	Chicken Breast	Meat	Chicken	Medium	8
30	Eggs	Dairy	Eggs	Medium	2
31	Milk	Dairy	Milk	Large	3
32	Cheese	Dairy	Cheese	Medium	5
33	Carrots	Vegetables	Carrots	Small	1
34	Tomatoes	Vegetables	Tomatoes	Medium	2
35	Cucumbers	Vegetables	Cucumbers	Large	1.5
36	Apples	Fruits	Apples	Medium	2
37	Bananas	Fruits	Bananas	Large	1.5
38	Oranges	Fruits	Oranges	Medium	1.8
39	Grapes	Fruits	Grapes	Small	3
40	Soap	Cleaning	Soap	Small	2.5
41	Detergent	Cleaning	Detergent	Medium	5
42	Shampoo	Cleaning	Shampoo	Large	4
43	Conditioner	Cleaning	Conditioner	Medium	3.5
44	TV	Electronics	TV	Large	300
45	Computer	Electronics	Computer	Medium	800
46	Phone	Electronics	Phone	Small	600
47	Tablet	Electronics	Tablet	Medium	400
48	Shirt	Clothing	Shirt	Medium	25
49	Pants	Clothing	Pants	Large	35
50	Shoes	Clothing	Shoes	Medium	50
51	Hat	Clothing	Hat	Small	15

The rest of the columns:

SALE PRICE	DISCOUNT	SUPPLIER DISCOUNT	STORAGE QUANTITY	STORE QUANTITY	DAMAGED QUANTITY
3	0.1	0.05	100	90	5
7	0.2	0.1	50	45	2
4.5	0.15	0.07	80	70	3
5.5	0.1	0.05	120	110	4
10	0.3	0.15	60	55	1
15	0.25	0.12	40	35	2
12	0.2	0.1	30	25	1
9	0.2	0.1	50	45	2
2.5	0.1	0.05	200	180	10
3	0.15	0.07	150	135	5
1.5	0.05	0.02	180	170	3
4	0.1	0.05	100	90	5
3.5	0.05	0.02	120	110	5
3.5	0.05	0.02	150	135	5

2	0.1	0.05	80	70	2
7	0.2	0.1	100	90	5
4	0.15	0.07	120	110	3
4.5	0.1	0.05	100	90	2
600	0.2	0.1	30	25	1
1000	0.25	0.12	50	45	2
800	0.3	0.15	80	70	3
500	0.25	0.12	60	55	2
25	0.1	0.05	200	180	10
35	0.15	0.07	150	135	5
50	0.2	0.1	120	110	5
15	0.05	0.02	180	170	3
14	0.2	0.1	50	45	2
12	0.15	0.07	60	55	3
10	0.1	0.05	70	65	2
3	0.05	0.02	100	90	3
4	0.1	0.05	80	70	2
7	0.15	0.07	60	55	1
1.5	0.05	0.02	120	110	4
3	0.1	0.05	100	90	3
2	0.05	0.02	80	70	2
2.5	0.05	0.02	90	80	3
2	0.05	0.02	100	90	4
2.2	0.05	0.02	80	70	2
4	0.1	0.05	70	65	2
3.5	0.1	0.05	120	110	3
6	0.1	0.05	100	90	2
5	0.05	0.02	80	70	1
4.5	0.05	0.02	60	55	1
400	0.2	0.1	40	35	2
1000	0.25	0.12	30	25	1
800	0.2	0.1	50	45	2
500	0.15	0.07	60	55	3
30	0.1	0.05	80	70	2
40	0.1	0.05	70	65	1
60	0.15	0.07	60	55	3
20	0.05	0.02	50	45	2

Final columns:

MANUFACTURER	MINIMALQUANTITY	AISLE
MILK CO.	10	A1
CHEESE LTD.	5	A2
YOGURT INC.	8	A3
EGG FARMS	12	A4
POULTRY FARMS	6	B1
BEEF CO.	4	B2
SEAFOOD LTD.	3	B3
PORK FARMS	5	B4
VEGETABLE CO.	20	C1

TOMATO FARMS	15	C2
CUCUMBER CO.	25	C3
APPLE ORCHARDS	10	D1
BANANA FARMS	12	D2
ORANGE GROVES	12	D3
CLEAN PRODUCTS INC.	8	E1
CLEAN PRODUCTS INC.	10	E2
HAIR CARE LTD.	8	E3
HAIR CARE LTD.	6	E4
TECH INNOVATIONS	5	F1
TECH WORLD	8	F2
MOBILE TECH INC.	10	F3
TECH GADGETS LTD.	6	F4
FASHION STYLES	20	G1
DENIM FASHION	15	G2
FOOTWEAR INC.	12	G3
HAT WORLD	25	G4
SEAFOOD LTD.	5	B5
PORK FARMS	6	B6
POULTRY INC.	4	B7
FARM FRESH EGGS	8	A4
DAIRY FARMS LTD.	6	A5
CHEESE MASTERS INC.	4	A6
FRESH PRODUCE CO.	12	B4
VINE RIPE FARMS	10	B5
CRISP FARMS	8	B6
APPLE ORCHARD CO.	8	C4
TROPICAL FRUITS LTD.	10	C5
CITRUS GROVES INC.	8	C6
VINEYARD FARMS	7	C7
CLEAN ESSENTIALS LTD.	10	D5
CLEAN PRODUCTS INC.	8	D6
HAIR CARE LTD.	6	D7
HAIR CARE LTD.	5	D8

TECH INNOVATIONS INC.	4	E5
TECH SOLUTIONS LTD.	3	E6
MOBILE TECH INC.	5	E7
TECH DEVICES CO.	6	E8
FASHION STYLES INC.	8	F5
APPAREL CO.	6	F6
FOOTWEAR LTD.	7	F7
HEADWEAR INC.	5	F8

SIZE
SMALL
LARGE
MEDIUM

SUBCATEGORY
MILK
CHEESE
YOGURT
EGGS
CHICKEN
BEEF
FISH
PORK
CARROTS
TOMATOES
CUCUMBERS
APPLES
BANANAS
ORANGES
GRAPES
SOAP
DETERGENT
SHAMPOO
CONDITIONER
TV
COMPUTER
PHONE
TABLET
SHIRT
PANTS
SHOES
HAT

If you have any questions, or the system does not work as you want it to, please tell us, and we will help you or fix it as soon as possible.

Have fun!