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**MEDICAL**  
**DATABASE**  
**MANAGEMENT SYSTEM**

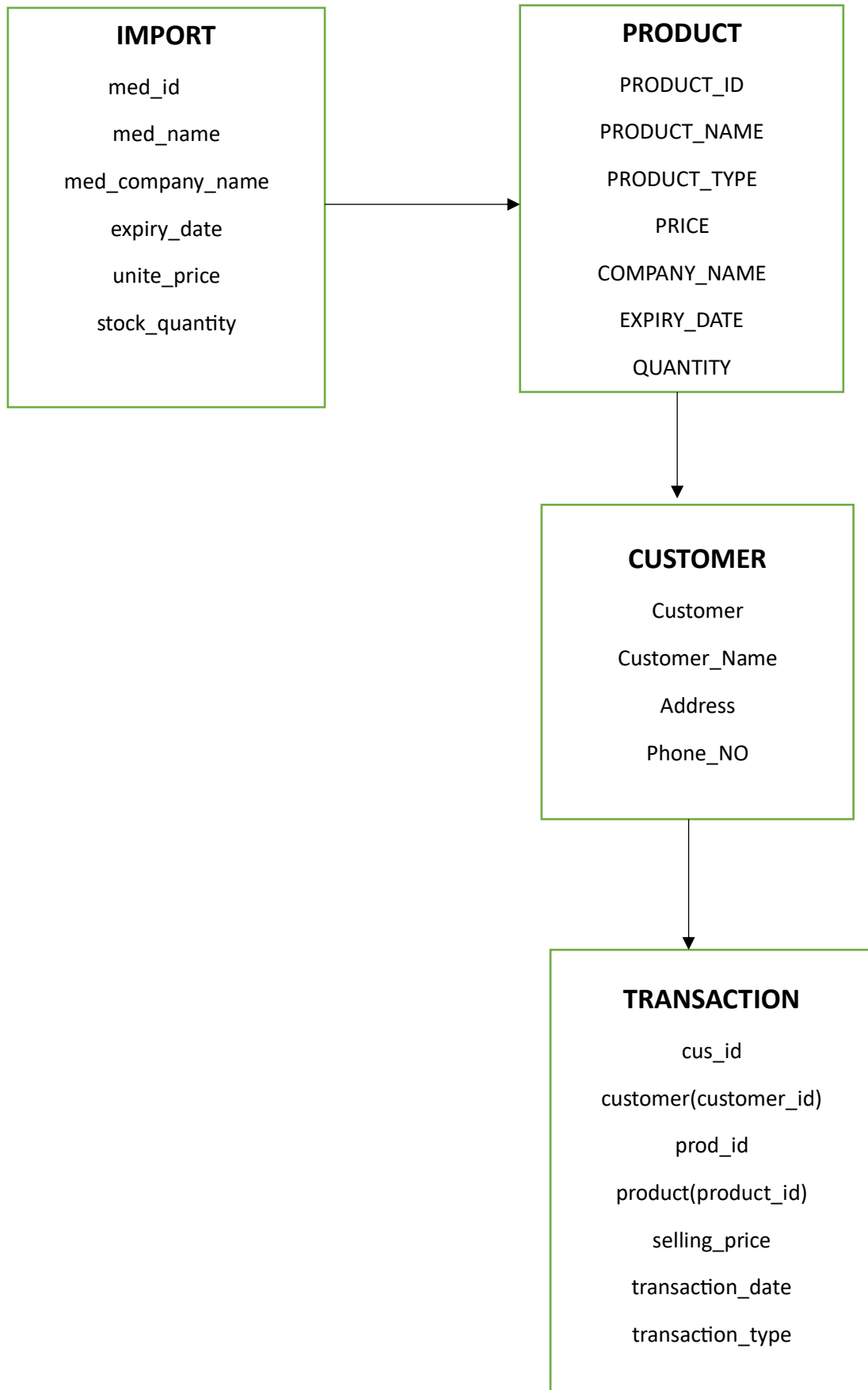


# THE AIM OF A PROJECT

The aim of a medical database management system is to efficiently and securely store, organize, retrieve, and manage health-related information, such as patient records, medical history, treatments, and diagnostic data. It helps healthcare professionals make informed decisions, streamline administrative processes, enhance patient care, and ensure data accuracy and confidentiality.

Additionally, a medical database management system aims to improve data accessibility, facilitate collaboration among healthcare providers, support evidence-based practices, and comply with regulatory standards such as patient privacy regulations (e.g., HIPAA). It also contributes to the overall efficiency of healthcare institutions by reducing paperwork, minimizing errors, and enabling seamless information exchange between different departments within a healthcare facility.

## ER DIAGRAM



## TABLE DESCRIPTION:

### Product:

	Field	Type	Null	Key	Default	Extra
►	Product_ID	int	NO	PRI	NULL	
	Product_Name	varchar(50)	YES		NULL	
	Product_Type	varchar(50)	YES		NULL	
	Price	varchar(50)	YES		NULL	
	Company_Name	varchar(50)	YES		NULL	
	Expiry_Date	date	YES		NULL	
	Quantity	varchar(50)	YES		NULL	
	Product_details	int	YES		NULL	

### Customer:

	Field	Type	Null	Key	Default	Extra
►	Customer_ID	int	NO	PRI	NULL	
	Customer_Name	varchar(50)	YES		NULL	
	Address	varchar(50)	YES		NULL	
	Phone_NO	varchar(50)	YES		NULL	

### Import\_medicine:

	Field	Type	Null	Key	Default	Extra
►	med_id	int	NO	PRI	NULL	
	med_name	varchar(50)	NO		NULL	
	med_company_name	varchar(20)	NO		NULL	
	expiry_date	date	YES		NULL	
	unite_price	int	YES		NULL	
	stock_quantity	int	YES		NULL	

## Customer\_transaction:

	Field	Type	Null	Key	Default	Extra
►	cus_id	int	YES	MUL	NULL	
	prod_id	int	YES	MUL	NULL	
	selling_price	int	YES		NULL	
	transaction_date	date	YES		NULL	
	transaction_type	varchar(20)	YES		NULL	

## COMMANDS TO CREATE TABLES:

### Create Database:

```
create database medical;  
use medical;
```

### Create table Product:

```
Product_ID Int primary key,  
Product_Name Varchar(50),  
Product_Type varchar(50),  
Price varchar(50),  
Company_Name Varchar(50),  
Expiry_Date date ,  
Quantity Varchar(50),  
Product_details int);  
desc Product;
```

### Create table Customer:

```
Customer_ID int primary Key,  
Customer_Name varchar(50),  
Address varchar(50),  
Phone_NO Varchar(50));  
desc Customer;
```

## Create table import\_medicine:

```
med_id int primary key,  
med_name varchar(50) not null,  
med_company_name varchar(20) not null,  
expiry_date date,  
unite_price int,  
stock_quantity int);  
desc import_medicine;
```

## Create table customer\_transaction:

```
cus_id int,  
constraint fk_cus_id foreign key (cus_id) references  
customer(customer_id)  
on delete cascade  
on update cascade,  
prod_id int,  
constraint fk_prod_id foreign key (prod_id) references  
product(product_id)  
on delete cascade  
on update cascade,  
selling_price int,  
transaction_date date,  
transaction_type varchar(20));  
desc customer_transaction;
```

```
show tables;
```

# COMMANDS TO INSERT VALUES IN TABLE

## Table Product:

```
INSERT INTO Product (Product_ID, Product_Name, Product_Type, Price, Company_Name, Expiry_Date, Quantity, Product_details)VALUES
(1, 'Painaway', 'Medicine', '10.99', 'MedCo', '2023-12-31', '100', 123),
(2, 'ColdRelief', 'Medicine', '8.50', 'PharmaCorp', '2023-11-30', '150', 456),
(3, 'AllerClear', 'Medicine', '15.75', 'HealthMeds', '2024-05-15', '75', 789),
(4, 'DigestPro', 'Medicine', '12.25', 'MediHealth', '2023-10-20', '50', 321),
(5, 'VitaBoost', 'Supplement', '20.00', 'NutriCare', '2023-09-28', '200', 654),
(6, 'CoughEase', 'Medicine', '9.25', 'HealthMeds', '2023-08-10', '80', 987),
(7, 'ImmunoPlus', 'Supplement', '25.50', 'NutriCare', '2023-07-22', '120', 654),
(8, 'PainRelief Gel', 'Topical', '15.99', 'MediHealth', '2023-09-30', '90', 321),
(9, 'Probiotic Max', 'Supplement', '18.75', 'PharmaCorp', '2024-01-18', '110', 234),
(10, 'SleepWell', 'Medicine', '12.00', 'HealthMeds', '2023-11-05', '70', 789),
(11, 'EyeCare Drops', 'Medicine', '11.50', 'MedCo', '2023-06-25', '60', 555),
(12, 'OmegaHealth', 'Supplement', '30.25', 'NutriCare', '2023-05-15', '100', 888),
(13, 'Antiseptic Spray', 'Topical', '8.99', 'MediHealth', '2023-07-30', '70', 222),
(14, 'HairVitalize', 'Supplement', '22.75', 'PharmaCorp', '2023-08-18', '90', 777),
(15, 'JointEase', 'Medicine', '14.00', 'HealthMeds', '2023-09-12', '50', 333),
(16, 'Vitamin C Capsules', 'Supplement', '18.99', 'NutriCare', '2023-04-28', '80', 456),
(17, 'MuscleRecover Cream', 'Topical', '16.50', 'MediHealth', '2023-03-15', '60', 789),
(18, 'Anti-Stress Tablets', 'Medicine', '13.25', 'HealthMeds', '2023-05-20', '70', 123),
(19, 'Digestive Enzymes', 'Supplement', '21.75', 'PharmaCorp', '2023-06-10', '90', 654),
(20, 'SleepAid Syrup', 'Medicine', '11.00', 'MedCo', '2023-07-08', '50', 321),
(21, 'Fiber Supplement', 'Supplement', '19.50', 'NutriCare', '2023-08-12', '75', 789),
(22, 'Burn Relief Gel', 'Topical', '12.99', 'MediHealth', '2023-09-30', '65', 321),
(23, 'Allergy Relief Tablets', 'Medicine', '14.75', 'HealthMeds', '2023-10-25', '80', 654),
```



(24, 'Protein Powder', 'Supplement', '24.25', 'PharmaCorp', '2023-11-18', '95', 987),  
(25, 'Focus Aid Capsules', 'Medicine', '16.00', 'MedCo', '2023-12-05', '55', 456),  
(26, 'Joint Support Cream', 'Topical', '17.75', 'NutriCare', '2024-01-08', '70', 123),  
(27, 'Multivitamin Tablets', 'Supplement', '20.99', 'MediHealth', '2024-02-14', '85', 789),  
(28, 'Nasal Spray', 'Medicine', '11.25', 'HealthMeds', '2024-03-20', '60', 321),  
(29, 'Energy Boost Capsules', 'Supplement', '22.50', 'PharmaCorp', '2024-04-22', '90', 654),  
(30, 'Burnout Relief Spray', 'Topical', '15.00', 'MedCo', '2024-05-25', '50', 987);

**select \* from product;**

### Table Customer:

INSERT INTO Customer (Customer\_ID, Customer\_Name, Address, Phone\_NO)  
VALUES

(1, 'John Doe', '123 Main St', '123-456-7890'),  
(2, 'Jane Smith', '456 Elm St', '987-654-3210'),  
(3, 'David Johnson', '789 Oak St', '111-222-3333'),  
(4, 'Emily Davis', '567 Pine St', '444-555-6666'),  
(5, 'Sarah Wilson', '890 Maple St', '777-888-9999'),  
(6, 'Michael Brown', '901 Cedar St', '222-333-4444'),  
(7, 'Olivia Miller', '345 Birch St', '555-666-7777'),  
(8, 'William Garcia', '678 Walnut St', '888-999-0000'),  
(9, 'Sophia Martinez', '234 Oakwood St', '111-222-3333'),  
(10, 'Liam Smith', '789 Pinecrest St', '444-555-6666'),  
(11, 'Ava Anderson', '567 Cedarwood St', '333-444-5555'),  
(12, 'Noah Thomas', '890 Elmwood St', '666-777-8888'),  
(13, 'Emma Garcia', '123 Hickory St', '999-000-1111'),  
(14, 'James Martinez', '456 Magnolia St', '222-333-4444'),  
(15, 'Mia Johnson', '789 Oakwood St', '555-666-7777'),  
(16, 'Ethan Brown', '901 Pine St', '333-222-1111'),  
(17, 'Charlotte Wilson', '234 Cedar St', '666-777-8888'),  
(18, 'Amelia Taylor', '567 Birch St', '999-888-7777'),  
(19, 'Liam Rodriguez', '890 Oak St', '222-333-4444'),  
(20, 'Avery Moore', '123 Maple St', '555-666-7777'),

```
(21, 'Oliver Clark', '567 Pine St', '111-222-3333'),  
(22, 'Harper Baker', '890 Oak St', '444-555-6666'),  
(23, 'Evelyn Adams', '123 Maple St', '777-888-9999'),  
(24, 'Logan Hill', '456 Cedar St', '111-222-3333'),  
(25, 'Aubrey Ward', '901 Elm St', '444-555-6666'),  
(26, 'Elijah Torres', '234 Birch St', '777-888-9999'),  
(27, 'Skylar Ramirez', '567 Oakwood St', '111-222-3333'),  
(28, 'Zoey James', '890 Cedar St', '444-555-6666'),  
(29, 'Sofia Watson', '123 Elmwood St', '777-888-9999'),  
(30, 'Hunter Brooks', '456 Hickory St', '111-222-3333');
```

```
select * from customer;
```

#### **Table Import\_Medicine:**

```
INSERT INTO import_medicine (med_id, med_name, med_company_name,  
expiry_date, unite_price, stock_quantity)VALUES  
(101, 'Painaway', 'MedCo', '2023-12-31', 8, 200),  
(102, 'ColdRelief', 'PharmaCorp', '2023-11-30', 7, 300),  
(103, 'AllerClear', 'HealthMeds', '2024-05-15', 12, 150),  
(104, 'DigestPro', 'MediHealth', '2023-10-20', 10, 100),  
(105, 'VitaBoost', 'NutriCare', '2023-09-28', 18, 250),  
(106, 'CoughEase', 'HealthMeds', '2023-08-10', 7, 150),  
(107, 'ImmunoPlus', 'NutriCare', '2023-07-22', 20, 180),  
(108, 'PainRelief Gel', 'MediHealth', '2023-09-30', 12, 100),  
(109, 'Probiotic Max', 'PharmaCorp', '2024-01-18', 15, 130),  
(110, 'SleepWell', 'HealthMeds', '2023-11-05', 10, 90),  
(111, 'EyeCare Drops', 'MedCo', '2023-06-25', 9, 120),  
(112, 'OmegaHealth', 'NutriCare', '2023-05-15', 25, 150),  
(113, 'Antiseptic Spray', 'MediHealth', '2023-07-30', 6, 80),  
(114, 'HairVitalize', 'PharmaCorp', '2023-08-18', 20, 110),  
(115, 'JointEase', 'HealthMeds', '2023-09-12', 12, 60),  
(116, 'Vitamin C Capsules', 'NutriCare', '2023-04-28', 15, 100),  
(117, 'MuscleRecover Cream', 'MediHealth', '2023-03-15', 14, 75),  
(118, 'Anti-Stress Tablets', 'HealthMeds', '2023-05-20', 10, 85),  
(119, 'Digestive Enzymes', 'PharmaCorp', '2023-06-10', 18, 120),  
(120, 'SleepAid Syrup', 'MedCo', '2023-07-08', 9, 60),  
(121, 'Fiber Supplement', 'NutriCare', '2023-08-12', 16, 110),
```

(122, 'Burn Relief Gel', 'MediHealth', '2023-09-30', 9, 80),  
(123, 'Allergy Relief Tablets', 'HealthMeds', '2023-10-25', 12, 120),  
(124, 'Protein Powder', 'PharmaCorp', '2023-11-18', 22, 140),  
(125, 'Focus Aid Capsules', 'MedCo', '2023-12-05', 14, 70),  
(126, 'Joint Support Cream', 'NutriCare', '2024-01-08', 15, 90),  
(127, 'Multivitamin Tablets', 'MediHealth', '2024-02-14', 18, 100),  
(128, 'Nasal Spray', 'HealthMeds', '2024-03-20', 10, 65),  
(129, 'Energy Boost Capsules', 'PharmaCorp', '2024-04-22', 20, 95),  
(130, 'Burnout Relief Spray', 'MedCo', '2024-05-25', 13, 55);

**select \* from import\_medicine;**

#### **Table Customer\_transaction:**

INSERT INTO customer\_transaction (cus\_id, prod\_id, selling\_price,  
transaction\_date, transaction\_type)VALUES

(1, 1, 12, '2023-12-05', 'Sale'),  
(2, 2, 9, '2023-11-15', 'Sale'),  
(3, 3, 16, '2023-10-20', 'Sale'),  
(4, 4, 13, '2023-09-10', 'Sale'),  
(5, 5, 22, '2023-08-25', 'Sale'),  
(6, 6, 10, '2023-07-15', 'Sale'),  
(7, 7, 28, '2023-06-20', 'Sale'),  
(8, 8, 18, '2023-08-03', 'Sale'),  
(9, 9, 20, '2023-09-05', 'Sale'),  
(10, 10, 14, '2023-10-10', 'Sale'),  
(11, 11, 9, '2023-05-20', 'Sale'),  
(12, 12, 26, '2023-04-15', 'Sale'),  
(13, 13, 7, '2023-06-01', 'Sale'),  
(14, 14, 18, '2023-07-10', 'Sale'),  
(15, 15, 11, '2023-08-05', 'Sale'),  
(16, 16, 15, '2023-03-01', 'Sale'),  
(17, 17, 12, '2023-02-10', 'Sale'),  
(18, 18, 11, '2023-04-05', 'Sale'),  
(19, 19, 20, '2023-05-15', 'Sale'),  
(20, 20, 9, '2023-06-20', 'Sale'),  
(21, 21, 18, '2023-07-10', 'Sale'),  
(22, 22, 11, '2023-08-15', 'Sale'),

```
(23, 23, 13, '2023-09-20', 'Sale'),  
(24, 24, 23, '2023-10-25', 'Sale'),  
(25, 25, 15, '2023-11-30', 'Sale'),  
(26, 26, 16, '2023-12-15', 'Sale'),  
(27, 27, 19, '2024-01-20', 'Sale'),  
(28, 28, 10, '2024-02-25', 'Sale'),  
(29, 29, 21, '2024-03-30', 'Sale'),  
(30, 30, 14, '2024-04-05', 'Sale');
```

```
select * from customer_transaction;
```

**#Get details of customers residing on Oak St:**

```
SELECT * FROM Customer WHERE Address LIKE '%Oak St%';
```

Customer_ID	Customer_Name	Address	Phone_NO
3	David Johnson	789 Oak St	111-222-3333
19	Liam Rodriguez	890 Oak St	222-333-4444
22	Harper Baker	890 Oak St	444-555-6666

	Customer_ID	Customer_Name	Address	Phone_NO
▶	3	David Johnson	789 Oak St	111-222-3333
	19	Liam Rodriguez	890 Oak St	222-333-4444
	22	Harper Baker	890 Oak St	444-555-6666
*	NULL	NULL	NULL	NULL

#Retrieve products with quantity less than 100:  
**SELECT \* FROM Product WHERE Quantity < 100;**

Product_ID	Product_Name	Product_Type	Price	Company_Name	Expiry_Date	Quantity	Product_Details
3	AllerClear	Medicine	15.75	HealthMeds	2024-05-15	75	789
4	DigestPro	Medicine	12.25	MediHealth	2023-10-20	50	321
6	CoughEase	Medicine	9.25	HealthMeds	2023-08-10	80	987
8	PainRelief Gel	Topical	15.99	MediHealth	2023-09-30	90	321
10	SleepWell	Medicine	12.00	HealthMeds	2023-11-05	70	789
11	EyeCare Drops	Medicine	11.50	MedCo	2023-06-25	60	555
13	Antiseptic Spray	Topical	8.99	MediHealth	2023-07-30	70	222
14	HairVitalize	Supplement	22.75	PharmaCorp	2023-08-18	90	777
15	JointEase	Medicine	14.00	HealthMeds	2023-09-12	50	333
16	Vitamin C Capsules	Supplement	18.99	NutriCare	2023-04-28	80	456
17	MuscleRecover Cream	Topical	16.50	MediHealth	2023-03-15	60	789
18	Anti-Stress Tablets	Medicine	13.25	HealthMeds	2023-05-20	70	123
19	Digestive Enzymes	Supplement	21.75	PharmaCorp	2023-06-10	90	654
20	SleepAid Syrup	Medicine	11.00	MedCo	2023-07-08	50	321
21	Fiber Supplement	Supplement	19.50	NutriCare	2023-08-12	75	789
22	Burn Relief Gel	Topical	12.99	MediHealth	2023-09-30	65	321
23	Allergy Relief Tablets	Medicine	14.75	HealthMeds	2023-10-25	80	654
24	Protein Powder	Supplement	24.25	PharmaCorp	2023-11-18	95	987
25	Focus Aid Capsules	Medicine	16.00	MedCo	2023-12-05	55	456
26	Joint Support Cream	Topical	17.75	NutriCare	2024-01-08	70	123
27	Multivitamin Tablets	Supplement	20.99	MediHealth	2024-02-14	85	789
28	Nasal Spray	Medicine	11.25	HealthMeds	2024-03-20	60	321
29	Energy Boost Capsules	Supplement	22.50	PharmaCorp	2024-04-22	90	654
30	Burnout Relief Spray	Topical	15.00	MedCo	2024-05-25	50	987

Product_ID	Product_Name	Product_Type	Price	Company_Name	Expiry_Date	Quantity	Product_details
3	AllerClear	Medicine	15.75	HealthMeds	2024-05-15	75	789
4	DigestPro	Medicine	12.25	MediHealth	2023-10-20	50	321
6	CoughEase	Medicine	9.25	HealthMeds	2023-08-10	80	987
8	PainRelief Gel	Topical	15.99	MediHealth	2023-09-30	90	321
10	SleepWell	Medicine	12.00	HealthMeds	2023-11-05	70	789
11	EyeCare Drops	Medicine	11.50	MedCo	2023-06-25	60	555
13	Antiseptic Spray	Topical	8.99	MediHealth	2023-07-30	70	222
14	HairVitalize	Supplement	22.75	PharmaCorp	2023-08-18	90	777
15	JointEase	Medicine	14.00	HealthMeds	2023-09-12	50	333
16	Vitamin C Capsules	Supplement	18.99	NutriCare	2023-04-28	80	456
17	MuscleRecover Cr...	Topical	16.50	MediHealth	2023-03-15	60	789
18	Anti-Stress Tablets	Medicine	13.25	HealthMeds	2023-05-20	70	123
19	Digestive Enzymes	Supplement	21.75	PharmaCorp	2023-06-10	90	654
20	SleepAid Syrup	Medicine	11.00	MedCo	2023-07-08	50	321
21	Fiber Supplement	Supplement	19.50	NutriCare	2023-08-12	75	789
22	Burn Relief Gel	Topical	12.99	MediHealth	2023-09-30	65	321
23	Allergy Relief Tabl...	Medicine	14.75	HealthMeds	2023-10-25	80	654
24	Protein Powder	Supplement	24.25	PharmaCorp	2023-11-18	95	987
25	Focus Aid Capsules	Medicine	16.00	MedCo	2023-12-05	55	456
26	Joint Support Cream	Topical	17.75	NutriCare	2024-01-08	70	123
27	Multivitamin Tablets	Supplement	20.99	MediHealth	2024-02-14	85	789
28	Nasal Spray	Medicine	11.25	HealthMeds	2024-03-20	60	321
29	Energy Boost Cap...	Supplement	22.50	PharmaCorp	2024-04-22	90	654
30	Burnout Relief Spray	Topical	15.00	MedCo	2024-05-25	50	987

**#List transactions with a selling price greater than \$15:**

**SELECT \* FROM customer\_transaction WHERE selling\_price > 15;**

Cus_id	Prod_id	Selling_price	Transaction_date	Transaction_type
3	3	16	2023-10-20	Sale
5	5	22	2023-08-25	Sale
7	7	28	2023-06-20	Sale
8	8	18	2023-08-03	Sale
9	9	20	2023-09-05	Sale
12	12	26	2023-04-15	Sale
14	14	18	2023-07-10	Sale
19	19	20	2023-05-15	Sale
21	21	18	2023-07-10	Sale
24	24	23	2023-10-25	Sale
26	26	16	2023-12-15	Sale
27	27	19	2024-01-20	Sale
29	29	21	2024-03-30	Sale



	cus_id	prod_id	selling_price	transaction_date	transaction_type
▶	3	3	16	2023-10-20	Sale
	5	5	22	2023-08-25	Sale
	7	7	28	2023-06-20	Sale
	8	8	18	2023-08-03	Sale
	9	9	20	2023-09-05	Sale
	12	12	26	2023-04-15	Sale
	14	14	18	2023-07-10	Sale
	19	19	20	2023-05-15	Sale
	21	21	18	2023-07-10	Sale
	24	24	23	2023-10-25	Sale
	26	26	16	2023-12-15	Sale
	27	27	19	2024-01-20	Sale
	29	29	21	2024-03-30	Sale

#Find customers by name starting with 'J':

SELECT \* FROM Customer WHERE Customer\_Name LIKE 'J%';

Customer_ID	Customer_Name	Address	Phone_No
1	John Doe	123 Main St	123-456-7890
2	Jane Smith	456 Elm St	987-654-3210
14	James Martinez	456 Magnolia St	222-333-4444

	Customer_ID	Customer_Name	Address	Phone_NO
▶	2	Jane Smith	456 Elm St	987-654-3210
	14	James Martinez	456 Magnolia St	222-333-4444
	1	John Doe	123 Main St	123-456-7890
*	NULL	NULL	NULL	NULL

#Retrieve expired medicines from the imported medicines table:

SELECT \* FROM import\_medicine WHERE expiry\_date < CURDATE();

med_id	med_name	Med_company_name	expiry_date	Unite_price	Stock_quantity
101	Painaway	MedCo	2023-12-31	8	200
102	ColdRelief	PharmaCorp	2023-11-30	7	300
104	DigestPro	MediHealth	2023-10-20	10	100
105	VitaBoost	NutriCare	2023-09-28	18	250
106	CoughEaze	HealthMeds	2023-08-10	7	150
107	ImmunoPlus	NutriCare	2023-07-22	20	180
108	PainRelief Gel	MediHealth	2023-09-30	12	100
110	SleepWell	HealthMeds	2023-11-05	10	90
111	EyeCare Drops	MedCo	2023-06-25	9	120
112	OmegaHealth	NutriCare	2023-05-15	25	150
113	Antiseptic Spray	MediHealth	2023-07-30	6	80
114	HairVitalize	PharmaCorp	2023-08-18	20	110
115	JointEase	HealthMeds	2023-09-12	12	60
116	Vitamin C Capsules	NutriCare	2023-04-28	15	100
117	MuscleRecover Cream	MediHealth	2023-03-15	14	75
118	Anti-Stress Tablets	HealthMeds	2023-05-20	10	85
119	Digestive Enzymes	PharmaCorp	2023-06-10	18	120
120	SleepAid Syrup	MedCo	2023-07-08	9	60
121	Fiber Supplement	NutriCare	2023-08-12	16	110
122	Burn Relief Gel	MediHealth	2023-09-30	9	80
123	Allergy Relief Tablets	HealthMeds	2023-10-25	12	120
124	Protein Powder	PharmaCorp	2023-11-18	22	140
125	Focus Aid Capsules	MedCo	2023-12-05	14	70



	med_id	med_name	med_company_name	expiry_date	unite_price	stock_quantity
	101	Painaway	MedCo	2023-12-31	8	200
	102	ColdRelief	PharmaCorp	2023-11-30	7	300
	104	DigestPro	MediHealth	2023-10-20	10	100
	105	VitaBoost	NutriCare	2023-09-28	18	250
	106	CoughEaze	Health HealthMeds	2023-08-10	7	150
	107	ImmunoPlus	NutriCare	2023-07-22	20	180
	108	PainRelief Gel	MediHealth	2023-09-30	12	100
	110	SleepWell	HealthMeds	2023-11-05	10	90
	111	EyeCare Drops	MedCo	2023-06-25	9	120
	112	OmegaHealth	NutriCare	2023-05-15	25	150
	113	Antiseptic Spray	MediHealth	2023-07-30	6	80
	114	HairVitalize	PharmaCorp	2023-08-18	20	110
▶	115	JointEase	HealthMeds	2023-09-12	12	60
	116	Vitamin C Cap...	NutriCare	2023-04-28	15	100
	117	MuscleRecove...	MediHealth	2023-03-15	14	75
	118	Anti-Stress Ta...	HealthMeds	2023-05-20	10	85
	119	Digestive Enz...	PharmaCorp	2023-06-10	18	120
	120	SleepAid Syrup	MedCo	2023-07-08	9	60
	121	Fiber Supplem...	NutriCare	2023-08-12	16	110
	122	Burn Relief Gel	MediHealth	2023-09-30	9	80
	123	Allergy Relief ...	HealthMeds	2023-10-25	12	120
	124	Protein Powder	PharmaCorp	2023-11-18	22	140
	125	Focus Aid Cap...	MedCo	2023-12-05	14	70

**#List products sorted by their prices in descending order:**  
**SELECT \* FROM Product ORDER BY Price DESC;**

Produ ct_ID	Product _Name	Product _Type	Price	Company _Name	Expiry_ Date	Quantity	Product _Details
6	CoughEaze	Medicine	9.25	HealthMeds	2023-08-10	80	987
13	Antiseptic Spray	Topical	8.99	MediHealth	2023-07-30	70	222
2	ColdRelief	Medicine	8.50	PharmaCorp	2023-11-30	150	456
12	OmegaHealth	Suppleme nt	30.25	NutriCare	2023-05-15	100	888
7	ImmunoPlus	Suppleme nt	25.50	NutriCare	2023-07-22	120	654
24	Protein Powder	Suppleme nt	24.25	PharmaCorp	2023-11-18	95	987
14	HairVitalize	Suppleme nt	22.75	PharmaCorp	2023-08-18	90	777
29	Energy Boost Capsules	Suppleme nt	22.50	PharmaCorp	2024-04-22	90	654
19	Digestive Enzymes	Suppleme nt	21.75	PharmaCorp	2023-06-10	90	654

27	Multivitamin Tablets	Supplement	20.99	MediHealth	2024-02-14	85	789
5	VitaBoost	Supplement	20.00	NutriCare	2023-09-28	200	654
21	Fiber Supplement	Supplement	19.50	NutriCare	2023-08-12	75	789
16	Vitamin C Capsules	Supplement	18.99	NutriCare	2023-04-28	80	456
9	Probiotic Max	Supplement	18.75	PharmaCorp	2024-01-18	110	234
26	Joint Support Cream	Topical	17.75	NutriCare	2024-01-08	70	123
17	MuscleRecover Cream	Topical	16.50	MediHealth	2023-03-15	60	789
25	Focus Aid Capsules	Medicine	16.00	MedCo	2023-12-05	55	456
8	PainRelief Gel	Topical	15.99	MediHealth	2023-09-30	90	321
3	AllerClear	Medicine	15.75	HealthMeds	2024-05-15	75	789
30	Burnout Relief Spray	Topical	15.00	MedCo	2024-05-25	50	987
23	Allergy Relief Tablets	Medicine	14.75	HealthMeds	2023-10-25	80	654
15	JointEase	Medicine	14.00	HealthMeds	2023-09-12	50	333
18	Anti-Stress Tablets	Medicine	13.25	HealthMeds	2023-05-20	70	123
22	Burn Relief Gel	Topical	12.99	MediHealth	2023-09-30	65	321
4	DigestPro	Medicine	12.25	MediHealth	2023-10-20	50	321
10	SleepWell	Medicine	12.00	HealthMeds	2023-11-05	70	789
11	EyeCare Drops	Medicine	11.50	MedCo	2023-06-25	60	555
28	Nasal Spray	Medicine	11.25	HealthMeds	2024-03-20	60	321
20	SleepAid Syrup	Medicine	11.00	MedCo	2023-07-08	50	321
1	Painaway	Medicine	10.99	MedCo	2023-12-31	100	123

	Product_ID	Product_Name	Product_Type	Price	Company_Name	Expiry_Date	Quantity	Product_details
▶	6	CoughEaze	Medicine	9.25	HealthMeds	2023-08-10	80	987
	13	Antiseptic Spray	Topical	8.99	MediHealth	2023-07-30	70	222
	2	ColdRelief	Medicine	8.50	PharmaCorp	2023-11-30	150	456
	12	OmegaHealth	Supplement	30.25	NutriCare	2023-05-15	100	888
	7	ImmunoPlus	Supplement	25.50	NutriCare	2023-07-22	120	654
	24	Protein Powder	Supplement	24.25	PharmaCorp	2023-11-18	95	987
	14	HairVitalize	Supplement	22.75	PharmaCorp	2023-08-18	90	777
	29	Energy Boost Capsules	Supplement	22.50	PharmaCorp	2024-04-22	90	654
	19	Digestive Enzymes	Supplement	21.75	PharmaCorp	2023-06-10	90	654
	27	Multivitamin Tablets	Supplement	20.99	MediHealth	2024-02-14	85	789
	5	VitaBoost	Supplement	20.00	NutriCare	2023-09-28	200	654
	21	Fiber Supplement	Supplement	19.50	NutriCare	2023-08-12	75	789
	16	Vitamin C Capsules	Supplement	18.99	NutriCare	2023-04-28	80	456
	9	Probiotic Max	Supplement	18.75	PharmaCorp	2024-01-18	110	234
	26	Joint Support Cream	Topical	17.75	NutriCare	2024-01-08	70	123

	26	Joint Support Cream	Topical	17.75	NutriCare	2024-01-08	70	123
	17	MuscleRecover Cream	Topical	16.50	MediHealth	2023-03-15	60	789
	25	Focus Aid Capsules	Medicine	16.00	MedCo	2023-12-05	55	456
	8	PainRelief Gel	Topical	15.99	MediHealth	2023-09-30	90	321
	3	AllerClear	Medicine	15.75	HealthMeds	2024-05-15	75	789
	30	Burnout Relief Spray	Topical	15.00	MedCo	2024-05-25	50	987
	23	Allergy Relief Tablets	Medicine	14.75	HealthMeds	2023-10-25	80	654
	15	JointEase	Medicine	14.00	HealthMeds	2023-09-12	50	333
	18	Anti-Stress Tablets	Medicine	13.25	HealthMeds	2023-05-20	70	123
	22	Burn Relief Gel	Topical	12.99	MediHealth	2023-09-30	65	321
	4	DigestPro	Medicine	12.25	MediHealth	2023-10-20	50	321
	10	SleepWell	Medicine	12.00	HealthMeds	2023-11-05	70	789
	11	EyeCare Drops	Medicine	11.50	MedCo	2023-06-25	60	555
	28	Nasal Spray	Medicine	11.25	HealthMeds	2024-03-20	60	321
	20	SleepAid Syrup	Medicine	11.00	MedCo	2023-07-08	50	321
	1	Painaway	Medicine	10.99	MedCo	2023-12-31	100	123
●	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

#Get details of transactions made on or after '2023-08-01':

**SELECT \* FROM customer\_transaction WHERE transaction\_date >= '2023-08-01';**

Cus_id	Prod_id	Selling_price	Transaction_date	Transaction_type
1	1	12	2023-12-05	Sale
2	2	9	2023-11-15	Sale
3	3	16	2023-10-20	Sale
4	4	13	2023-09-10	Sale
5	5	22	2023-08-25	Sale
8	8	18	2023-08-03	Sale
9	9	20	2023-09-05	Sale
10	10	14	2023-10-10	Sale
15	15	11	2023-08-05	Sale
22	22	11	2023-08-15	Sale
23	23	13	2023-09-20	Sale
24	24	23	2023-10-25	Sale
25	25	15	2023-11-30	Sale
26	26	16	2023-12-15	Sale
27	27	19	2024-01-20	Sale
28	28	10	2024-02-25	Sale
29	29	21	2024-03-30	Sale
30	30	14	2024-04-05	Sale

	cus_id	prod_id	selling_price	transaction_date	transaction_type
▶	1	1	12	2023-12-05	Sale
	2	2	9	2023-11-15	Sale
	3	3	16	2023-10-20	Sale
	4	4	13	2023-09-10	Sale
	5	5	22	2023-08-25	Sale
	8	8	18	2023-08-03	Sale
	9	9	20	2023-09-05	Sale
	10	10	14	2023-10-10	Sale
	15	15	11	2023-08-05	Sale
	22	22	11	2023-08-15	Sale
	23	23	13	2023-09-20	Sale
	24	24	23	2023-10-25	Sale
	25	25	15	2023-11-30	Sale
	26	26	16	2023-12-15	Sale
	27	27	19	2024-01-20	Sale
	28	28	10	2024-02-25	Sale
	29	29	21	2024-03-30	Sale
	30	30	14	2024-04-05	Sale

**#Retrieve customers along with their addresses and phone numbers:**

**SELECT Customer\_Name, Address, Phone\_NO FROM Customer;**

<b>Customer_Name</b>	<b>Address</b>	<b>Phone_No</b>
John Doe	123 Main St	123-456-7890
Jane Smith	456 Elm St	987-654-3210
David Johnson	789 Oak St	111-222-3333
Emily Davis	567 Pine St	444-555-6666
Sarah Wilson	890 Maple St	777-888-9999
Michael Brown	901 Cedar St	222-333-4444
Olivia Miller	345 Birch St	555-666-7777
William Garcia	678 Walnut St	888-999-0000
Sophia Martinez	234 Oakwood St	111-222-3333
Liam Smith	789 Pinecrest St	444-555-6666
Ava Anderson	567 Cedarwood St	333-444-5555
Noah Thomas	890 Elmwood St	666-777-8888
Emma Garcia	123 Hickory St	999-000-1111
James Martinez	456 Magnolia St	222-333-4444
Mia Johnson	789 Oakwood St	555-666-7777
Ethan Brown	901 Pine St	333-222-1111
Charlotte Wilson	234 Cedar St	666-777-8888
Amelia Taylor	567 Birch St	999-888-7777
Liam Rodriguez	890 Oak St	222-333-4444
Avery Moore	123 Maple St	555-666-7777
Oliver Clark	567 Pine St	111-222-3333
Harper Baker	890 Oak St	444-555-6666
Evelyn Adams	123 Maple St	777-888-9999
Logan Hill	456 Cedar St	111-222-3333
Aubrey Ward	901 Elm St	444-555-6666
Elijah Torres	234 Birch St	777-888-9999
Skylar Ramirez	567 Oakwood St	111-222-3333
Zoey James	890 Cedar St	444-555-6666
Sofia Watson	123 Elmwood St	777-888-9999
Hunter Brooks	456 Hickory St	111-222-3333



	Customer_Name	Address	Phone_NO
	John Doe	123 Main St	123-456-7890
	Jane Smith	456 Elm St	987-654-3210
	David Johnson	789 Oak St	111-222-3333
	Emily Davis	567 Pine St	444-555-6666
	Sarah Wilson	890 Maple St	777-888-9999
	Michael Brown	901 Cedar St	222-333-4444
	Olivia Miller	345 Birch St	555-666-7777
	William Garcia	678 Walnut St	888-999-0000
	Sophia Martinez	234 Oakwood St	111-222-3333
	Liam Smith	789 Pinecrest St	444-555-6666
	Ava Anderson	567 Cedarwood...	333-444-5555
	Noah Thomas	890 Elmwood St	666-777-8888
	Emma Garcia	123 Hickory St	999-000-1111
	James Martinez	456 Magnolia St	222-333-4444
	Mia Johnson	789 Oakwood St	555-666-7777
	Ethan Brown	901 Pine St	333-222-1111
	Charlotte Wilson	234 Cedar St	666-777-8888
	Amelia Taylor	567 Birch St	999-888-7777
	Liam Rodriguez	890 Oak St	222-333-4444
	Avery Moore	123 Maple St	555-666-7777
	Oliver Clark	567 Pine St	111-222-3333
	Harper Baker	890 Oak St	444-555-6666

	Evelyn Adams	123 Maple St	777-888-9999
	Logan Hill	456 Cedar St	111-222-3333
	Aubrey Ward	901 Elm St	444-555-6666
	Elijah Torres	234 Birch St	777-888-9999
	Skylar Ramirez	567 Oakwood St	111-222-3333
	Zoey James	890 Cedar St	444-555-6666
	Sofia Watson	123 Elmwood St	777-888-9999
	Hunter Brooks	456 Hickory St	111-222-3333

#Calculate the average selling price of products:

```
SELECT AVG(selling_price) AS Average_Selling_Price FROM customer_transaction;
```

Average_Selling_Price
15.3333

Average_Selling_Price
▶ 15.3333

## #SUBQUERIES

#Retrieve customers who have made transactions:

```
SELECT * FROM Customer WHERE Customer_ID IN (SELECT DISTINCT cus_id FROM customer_transaction);
```

Customer_ID	Customer_Name	Address	Phone_No
1	John Doe	123 Main St	123-456-7890
2	Jane Smith	456 Elm St	987-654-3210
3	David Johnson	789 Oak St	111-222-3333
4	Emily Davis	567 Pine St	444-555-6666
5	Sarah Wilson	890 Maple St	777-888-9999
6	Michael Brown	901 Cedar St	222-333-4444
7	Olivia Miller	345 Birch St	555-666-7777
8	William Garcia	678 Walnut St	888-999-0000
9	Sophia Martinez	234 Oakwood St	111-222-3333
10	Liam Smith	789 Pinecrest St	444-555-6666
11	Ava Anderson	567 Cedarwood St	333-444-5555
12	Noah Thomas	890 Elmwood St	666-777-8888
13	Emma Garcia	123 Hickory St	999-000-1111
14	James Martinez	456 Magnolia St	222-333-4444
15	Mia Johnson	789 Oakwood St	555-666-7777
16	Ethan Brown	901 Pine St	333-222-1111
17	Charlotte Wilson	234 Cedar St	666-777-8888
18	Amelia Taylor	567 Birch St	999-888-7777
19	Liam Rodriguez	890 Oak St	222-333-4444
20	Avery Moore	123 Maple St	555-666-7777
21	Oliver Clark	567 Pine St	111-222-3333

22	Harper Baker	890 Oak St	444-555-6666
23	Evelyn Adams	123 Maple St	777-888-9999
24	Logan Hill	456 Cedar St	111-222-3333
25	Aubrey Ward	901 Elm St	444-555-6666
26	Elijah Torres	234 Birch St	777-888-9999
27	Skylar Ramirez	567 Oakwood St	111-222-3333
28	Zoey James	890 Cedar St	444-555-6666
29	Sofia Watson	123 Elmwood St	777-888-9999
30	Hunter Brooks	456 Hickory St	111-222-3333

	Customer_ID	Customer_Name	Address	Phone_NO
▶	1	John Doe	123 Main St	123-456-7890
	2	Jane Smith	456 Elm St	987-654-3210
	3	David Johnson	789 Oak St	111-222-3333
	4	Emily Davis	567 Pine St	444-555-6666
	5	Sarah Wilson	890 Maple St	777-888-9999
	6	Michael Brown	901 Cedar St	222-333-4444
	7	Olivia Miller	345 Birch St	555-666-7777
	8	William Garcia	678 Walnut St	888-999-0000
	9	Sophia Martinez	234 Oakwood St	111-222-3333
	10	Liam Smith	789 Pinecrest St	444-555-6666
	11	Ava Anderson	567 Cedarwood...	333-444-5555
	12	Noah Thomas	890 Elmwood St	666-777-8888
	13	Emma Garcia	123 Hickory St	999-000-1111
	14	James Martinez	456 Magnolia St	222-333-4444
	15	Mia Johnson	789 Oakwood St	555-666-7777

	16	Ethan Brown	901 Pine St	333-222-1111
	17	Charlotte Wilson	234 Cedar St	666-777-8888
	18	Amelia Taylor	567 Birch St	999-888-7777
	19	Liam Rodriguez	890 Oak St	222-333-4444
	20	Avery Moore	123 Maple St	555-666-7777
	21	Oliver Clark	567 Pine St	111-222-3333
	22	Harper Baker	890 Oak St	444-555-6666
	23	Evelyn Adams	123 Maple St	777-888-9999
	24	Logan Hill	456 Cedar St	111-222-3333
	25	Aubrey Ward	901 Elm St	444-555-6666
	26	Elijah Torres	234 Birch St	777-888-9999
	27	Skylar Ramirez	567 Oakwood St	111-222-3333
	28	Zoey James	890 Cedar St	444-555-6666
	29	Sofia Watson	123 Elmwood St	777-888-9999
	30	Hunter Brooks	456 Hickory St	111-222-3333
•	NULL	NULL	NULL	NULL



#List products with prices higher than the average product price:

SELECT \* FROM Product WHERE Price > (SELECT AVG(Price) FROM Product);

Product_ ID	Product_ Name	Product_ Type	Price	Company_ Name	Expiry_ Date	Quantity	Product_ Details
5	VitaBoost	Supplement	20.00	NutriCare	2023-09-28	200	654
7	ImmunoPlus	Supplement	25.50	NutriCare	2023-07-22	120	654
9	Probiotic Max	Supplement	18.75	PharmaCorp	2024-01-18	110	234
12	OmegaHealth	Supplement	30.25	NutriCare	2023-05-15	100	888
14	HairVitalize	Supplement	22.75	PharmaCorp	2023-08-18	90	777
16	Vitamin C Capsules	Supplement	18.99	NutriCare	2023-04-28	80	456
17	MuscleRecover Cream	Topical	16.50	MediHealth	2023-03-15	60	789
19	Digestive Enzymes	Supplement	21.75	PharmaCorp	2023-06-10	90	654
21	Fiber Supplement	Supplement	19.50	NutriCare	2023-08-12	75	789
24	Protein Powder	Supplement	24.25	PharmaCorp	2023-11-18	95	987
26	Joint Support Cream	Topical	17.75	NutriCare	2024-01-08	70	123
27	Multivitamin Tablets	Supplement	20.99	MediHealth	2024-02-14	85	789
29	Energy Boost Capsules	Supplement	22.50	PharmaCorp	2024-04-22	90	654

	Product_ID	Product_Name	Product_Type	Price	Company_Name	Expiry_Date	Quantity	Product_details
▶	5	VitaBoost	Supplement	20.00	NutriCare	2023-09-28	200	654
	7	ImmunoPlus	Supplement	25.50	NutriCare	2023-07-22	120	654
	9	Probiotic Max	Supplement	18.75	PharmaCorp	2024-01-18	110	234
	12	OmegaHealth	Supplement	30.25	NutriCare	2023-05-15	100	888
	14	HairVitalize	Supplement	22.75	PharmaCorp	2023-08-18	90	777
	16	Vitamin C Capsules	Supplement	18.99	NutriCare	2023-04-28	80	456
	17	MuscleRecover Cream	Topical	16.50	MediHealth	2023-03-15	60	789
	19	Digestive Enzymes	Supplement	21.75	PharmaCorp	2023-06-10	90	654
	21	Fiber Supplement	Supplement	19.50	NutriCare	2023-08-12	75	789
	24	Protein Powder	Supplement	24.25	PharmaCorp	2023-11-18	95	987
	26	Joint Support Cream	Topical	17.75	NutriCare	2024-01-08	70	123
	27	Multivitamin Tablets	Supplement	20.99	MediHealth	2024-02-14	85	789
	29	Energy Boost Capsules	Supplement	22.50	PharmaCorp	2024-04-22	90	654
•	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

#Find customers who made transactions with a selling price above \$20:

**SELECT \* FROM Customer WHERE Customer\_ID IN (SELECT cus\_id FROM customer\_transaction WHERE selling\_price > 20);**

Customer_ID	Customer_Name	Address	Phone_No
5	Sarah Wilson	890 Maple St	777-888-9999
7	Olivia Miller	345 Birch St	555-666-7777
12	Noah Thomas	890 Elmwood St	666-777-8888
24	Logan Hill	456 Cedar St	111-222-3333
29	Sofia Watson	123 Elmwood St	777-888-9999

	Customer_ID	Customer_Name	Address	Phone_NO
▶	5	Sarah Wilson	890 Maple St	777-888-9999
	7	Olivia Miller	345 Birch St	555-666-7777
	12	Noah Thomas	890 Elmwood St	666-777-8888
	24	Logan Hill	456 Cedar St	111-222-3333
	29	Sofia Watson	123 Elmwood St	777-888-9999
•	NULL	NULL	NULL	NULL

#Get the number of transactions made by each customer:

```
SELECT Customer_ID, Customer_Name, (SELECT COUNT(*) FROM customer_transaction  
WHERE cus_id = Customer.Customer_ID) AS Transaction_Count FROM Customer;
```

Customer_ID	Customer_Name	Transaction_Count
1	John Doe	1
2	Jane Smith	1
3	David Johnson	1
4	Emily Davis	1
5	Sarah Wilson	1
6	Michael Brown	1
7	Olivia Miller	1
8	William Garcia	1
9	Sophia Martinez	1
10	Liam Smith	1
11	Ava Anderson	1
12	Noah Thomas	1
13	Emma Garcia	1
14	James Martinez	1
15	Mia Johnson	1
16	Ethan Brown	1
17	Charlotte Wilson	1
18	Amelia Taylor	1
19	Liam Rodriguez	1
20	Avery Moore	1
21	Oliver Clark	1
22	Harper Baker	1
23	Evelyn Adams	1
24	Logan Hill	1
25	Aubrey Ward	1
26	Elijah Torres	1
27	Skylar Ramirez	1
28	Zoey James	1
29	Sofia Watson	1
30	Hunter Brooks	1

	Customer_ID	Customer_Name	Transaction_Count
	1	John Doe	1
	2	Jane Smith	1
	3	David Johnson	1
	4	Emily Davis	1
	5	Sarah Wilson	1
	6	Michael Brown	1
	7	Olivia Miller	1
	8	William Garcia	1
	9	Sophia Martinez	1
	10	Liam Smith	1
	11	Ava Anderson	1
▶	12	Noah Thomas	1
	13	Emma Garcia	1
	14	James Martinez	1
	15	Mia Johnson	1

	16	Ethan Brown	1
	17	Charlotte Wilson	1
	18	Amelia Taylor	1
	19	Liam Rodriguez	1
	20	Avery Moore	1
	21	Oliver Clark	1
	22	Harper Baker	1
	23	Evelyn Adams	1
	24	Logan Hill	1
	25	Aubrey Ward	1
	26	Elijah Torres	1
	27	Skylar Ramirez	1
	28	Zoey James	1
	29	Sofia Watson	1
	30	Hunter Brooks	1

1

#Retrieve products where the quantity available is less than the average quantity available:

SELECT \* FROM Product WHERE Quantity < (SELECT AVG(Quantity) FROM Product);

Product_ ID	Product_ Name	Product_ Type	Price	Company_ Name	Expiry_ Date	Quantity	Product_ Details
3	AllerClear	Medicine	15.75	HealthMeds	2024-05-15	75	789
4	DigestPro	Medicine	12.25	MediHealth	2023-10-20	50	321
6	CoughEaze	Medicine	9.25	HealthMeds	2023-08-10	80	987
10	SleepWell	Medicine	12.00	HealthMeds	2023-11-05	70	789
11	EyeCare Drops	Medicine	11.50	MedCo	2023-06-25	60	555
13	Antiseptic Spray	Topical	8.99	MediHealth	2023-07-30	70	222
15	JointEase	Medicine	14.00	HealthMeds	2023-09-12	50	333
16	Vitamin C Capsules	Supplement	18.99	NutriCare	2023-04-28	80	456
17	MuscleRecover Cream	Topical	16.50	MediHealth	2023-03-15	60	789
18	Anti-Stress Tablets	Medicine	13.25	HealthMeds	2023-05-20	70	123
20	SleepAid Syrup	Medicine	11.00	MedCo	2023-07-08	50	321
21	Fiber Supplement	Supplement	19.50	NutriCare	2023-08-12	75	789
22	Burn Relief Gel	Topical	12.99	MediHealth	2023-09-30	65	321
23	Allergy Relief Tablets	Medicine	14.75	HealthMeds	2023-10-25	80	654
25	Focus Aid Capsules	Medicine	16.00	MedCo	2023-12-05	55	456
26	Joint Support Cream	Topical	17.75	NutriCare	2024-01-08	70	123
28	Nasal Spray	Medicine	11.25	HealthMeds	2024-03-20	60	321
30	Burnout Relief Spray	Topical	15.00	MedCo	2024-05-25	50	987

	Product_ID	Product_Name	Product_Type	Price	Company_Name	Expiry_Date	Quantity	Product_details
▶	3	AllerClear	Medicine	15.75	HealthMeds	2024-05-15	75	789
	4	DigestPro	Medicine	12.25	MediHealth	2023-10-20	50	321
	6	CoughEaze	Medicine	9.25	HealthMeds	2023-08-10	80	987
	10	SleepWell	Medicine	12.00	HealthMeds	2023-11-05	70	789
	11	EyeCare Drops	Medicine	11.50	MedCo	2023-06-25	60	555
	13	Antiseptic Spray	Topical	8.99	MediHealth	2023-07-30	70	222
	15	JointEase	Medicine	14.00	HealthMeds	2023-09-12	50	333
	16	Vitamin C Capsules	Supplement	18.99	NutriCare	2023-04-28	80	456
	17	MuscleRecover Cream	Topical	16.50	MediHealth	2023-03-15	60	789
	18	Anti-Stress Tablets	Medicine	13.25	HealthMeds	2023-05-20	70	123
	20	SleepAid Syrup	Medicine	11.00	MedCo	2023-07-08	50	321
	21	Fiber Supplement	Supplement	19.50	NutriCare	2023-08-12	75	789
	22	Burn Relief Gel	Topical	12.99	MediHealth	2023-09-30	65	321
	23	Allergy Relief Tablets	Medicine	14.75	HealthMeds	2023-10-25	80	654
	25	Focus Aid Capsules	Medicine	16.00	MedCo	2023-12-05	55	456
	26	Joint Support Cream	Topical	17.75	NutriCare	2024-01-08	70	123
	28	Nasal Spray	Medicine	11.25	HealthMeds	2024-03-20	60	321
	30	Burnout Relief Spray	Topical	15.00	MedCo	2024-05-25	50	987
•	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

#List customers who have not made any transactions:

SELECT \* FROM Customer WHERE Customer\_ID NOT IN (SELECT DISTINCT cus\_id FROM customer\_transaction);

Customer_ID	Customer_Name	Address	Phone_NO
NULL	NULL	NULL	NULL

	Customer_ID	Customer_Name	Address	Phone_NO
•	NULL	NULL	NULL	NULL

#Get the total stock quantity for a specific company's products:

```
SELECT SUM(stock_quantity) AS Total_Stock FROM import_medicine WHERE med_company_name = 'PharmaCorp';
```

Total_Stock
895

Total_Stock
895

#Retrieve transactions made on the latest transaction date:

```
SELECT * FROM customer_transaction WHERE transaction_date = (SELECT MAX(transaction_date) FROM customer_transaction);
```

Cus_id	Prod_id	Selling_price	Transaction_date	Transaction_type
30	30	14	2024-04-05	Sale

	cus_id	prod_id	selling_price	transaction_date	transaction_type
▶	30	30	14	2024-04-05	Sale



#List products that have been completely sold out:

```
SELECT * FROM Product WHERE Product_ID NOT IN (SELECT DISTINCT prod_id FROM customer_transaction);
```

Product_ID	Product_Name	Product_Type	Price	Company_Name	Expiry_Date	Quantity	Product_Details
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Product_ID	Product_Name	Product_Type	Price	Company_Name	Expiry_Date	Quantity	Product_details
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

#Find customers who made transactions for specific products:

```
SELECT * FROM Customer WHERE Customer_ID IN (SELECT DISTINCT cus_id FROM customer_transaction WHERE prod_id IN (SELECT Product_ID FROM Product WHERE Product_Type = 'Supplement'));
```

Customer_ID	Customer_Name	Address	Phone_NO
5	Sarah Wilson	890 Maple St	777-888-9999
7	Olivia Miller	345 Birch St	555-666-7777
9	Sophia Martinez	234 Oakwood St	111-222-3333
12	Noah Thomas	890 Elmwood St	666-777-8888
14	James Martinez	456 Magnolia St	222-333-4444
16	Ethan Brown	901 Pine St	333-222-1111
19	Liam Rodriguez	890 Oak St	222-333-4444
21	Oliver Clark	567 Pine St	111-222-3333
24	Logan Hill	456 Cedar St	111-222-3333
27	Skylar Ramirez	567 Oakwood St	111-222-3333
29	Sofia Watson	123 Elmwood St	777-888-9999



	Customer_ID	Customer_Name	Address	Phone_NO
▶	5	Sarah Wilson	890 Maple St	777-888-9999
	7	Olivia Miller	345 Birch St	555-666-7777
	9	Sophia Martinez	234 Oakwood St	111-222-3333
	12	Noah Thomas	890 Elmwood St	666-777-8888
	14	James Martinez	456 Magnolia St	222-333-4444
	16	Ethan Brown	901 Pine St	333-222-1111
	19	Liam Rodriguez	890 Oak St	222-333-4444
	21	Oliver Clark	567 Pine St	111-222-3333
	24	Logan Hill	456 Cedar St	111-222-3333
	27	Skylar Ramirez	567 Oakwood St	111-222-3333
	29	Sofia Watson	123 Elmwood St	777-888-9999
•	NULL	NULL	NULL	NULL

## #JOIN QUERIES

#Retrieve customer names along with the products they've purchased:

SELECT c.Customer\_Name, p.Product\_Name

FROM Customer c

JOIN customer\_transaction ct ON c.Customer\_ID = ct.cus\_id

JOIN Product p ON ct.prod\_id = p.Product\_ID;

Customer_Name	Product_Name
John Doe	Painaway
Jane Smith	ColdRelief
David Johnson	AllerClear
Emily Davis	DigestPro
Sarah Wilson	VitaBoost
Michael Brown	CoughEaze
Olivia Miller	ImmunoPlus
William Garcia	PainRelief Gel
Sophia Martinez	Probiotic Max
Liam Smith	SleepWell
Ava Anderson	EyeCare Drops
Noah Thomas	OmegaHealth
Emma Garcia	Antiseptic Spray
James Martinez	HairVitalize
Mia Johnson	JointEase

Ethan Brown	Vitamin C Capsules
Charlotte Wilson	MuscleRecover Cream
Amelia Taylor	Anti-Stress Tablets
Liam Rodriguez	Digestive Enzymes
Avery Moore	SleepAid Syrup
Oliver Clark	Fiber Supplement
Harper Baker	Burn Relief Gel
Evelyn Adams	Allergy Relief Tablets
Logan Hill	Protein Powder
Aubrey Ward	Focus Aid Capsules
Elijah Torres	Joint Support Cream
Skylar Ramirez	Multivitamin Tablets
Zoey James	Nasal Spray
Sofia Watson	Energy Boost Capsules
Hunter Brooks	Burnout Relief Spray

	Customer_Name	Product_Name
▶	John Doe	Painaway
	Jane Smith	ColdRelief
	David Johnson	AllerClear
	Emily Davis	DigestPro
	Sarah Wilson	VitaBoost
	Michael Brown	CoughEaze
	Olivia Miller	ImmunoPlus
	William Garcia	PainRelief Gel
	Sophia Martinez	Probiotic Max
	Liam Smith	SleepWell
	Ava Anderson	EyeCare Drops
	Noah Thomas	OmegaHealth
	Emma Garcia	Antiseptic Spray
	James Martinez	HairVitalize
	Mia Johnson	JointEase
	Ethan Brown	Vitamin C Cap...
	Charlotte Wilson	MuscleRecov...
	Amelia Taylor	Anti-Stress T...
	Liam Rodriguez	Digestive Enz...

	Avery Moore	SleepAid Syrup
	Oliver Clark	Fiber Supplem...
	Harper Baker	Burn Relief Gel
	Evelyn Adams	Allergy Relief ...
	Logan Hill	Protein Powder
	Aubrey Ward	Focus Aid Ca...
	Elijah Torres	Joint Support ...
	Skylar Ramirez	Multivitamin T...
	Zoey James	Nasal Spray
	Sofia Watson	Energy Boost ...
	Hunter Brooks	Burnout Relie...

**#Get the details of transactions with associated customer and product information:**

**SELECT ct.\*, c.Customer\_Name, p.Product\_Name**

**FROM customer\_transaction ct**

**JOIN Customer c ON ct.cus\_id = c.Customer\_ID**

**JOIN Product p ON ct.prod\_id = p.Product\_ID;**

Cus_id	Prod_id	Selling_Price	Transaction_ Date	Transaction_ Type	Customer_ Name	Product_ Name
1	1	12	2023-12-05	Sale	John Doe	Painaway
2	2	9	2023-11-15	Sale	Jane Smith	ColdRelief
3	3	16	2023-10-20	Sale	David Johnson	AllerClear
4	4	13	2023-09-10	Sale	Emily Davis	DigestPro
5	5	22	2023-08-25	Sale	Sarah Wilson	VitaBoost
6	6	10	2023-07-15	Sale	Michael Brown	CoughEaze
7	7	28	2023-06-20	Sale	Olivia Miller	ImmunoPlus
8	8	18	2023-08-03	Sale	William Garcia	PainRelief Gel
9	9	20	2023-09-05	Sale	Sophia Martinez	Probiotic Max
10	10	14	2023-10-10	Sale	Liam Smith	SleepWell
11	11	9	2023-05-20	Sale	Ava Anderson	EyeCare Drops
12	12	26	2023-04-15	Sale	Noah Thomas	OmegaHealth
13	13	7	2023-06-01	Sale	Emma Garcia	Antiseptic Spray
14	14	18	2023-07-10	Sale	James Martinez	HairVitalize
15	15	11	2023-08-05	Sale	Mia Johnson	JointEase
16	16	15	2023-03-01	Sale	Ethan Brown	Vitamin C Capsules
17	17	12	2023-02-10	Sale	Charlotte Wilson	MuscleRecover Cream
18	18	11	2023-04-05	Sale	Amelia Taylor	Anti-Stress Tablets
19	19	20	2023-05-15	Sale	Liam Rodriguez	Digestive Enzymes
20	20	9	2023-06-20	Sale	Avery Moore	SleepAid Syrup
21	21	18	2023-07-10	Sale	Oliver Clark	Fiber Supplement
22	22	11	2023-08-15	Sale	Harper Baker	Burn Relief Gel

23	23	13	2023-09-20	Sale	Evelyn Adams	Allergy Relief Tablets
24	24	23	2023-10-25	Sale	Logan Hill	Protein Powder
25	25	15	2023-11-30	Sale	Aubrey Ward	Focus Aid Capsules
26	26	16	2023-12-15	Sale	Elijah Torres	Joint Support Cream
27	27	19	2024-01-20	Sale	Skylar Ramirez	Multivitamin Tablets
28	28	10	2024-02-25	Sale	Zoey James	Nasal Spray
29	29	21	2024-03-30	Sale	Sofia Watson	Energy Boost Capsules
30	30	14	2024-04-05	Sale	Hunter Brooks	Burnout Relief Spray

	cus_id	prod_id	selling_price	transaction_date	transaction_type	Customer_Name	Product_Name
▶	1	1	12	2023-12-05	Sale	John Doe	Painaway
	2	2	9	2023-11-15	Sale	Jane Smith	ColdRelief
	3	3	16	2023-10-20	Sale	David Johnson	AllerClear
	4	4	13	2023-09-10	Sale	Emily Davis	DigestPro
	5	5	22	2023-08-25	Sale	Sarah Wilson	VitaBoost
	6	6	10	2023-07-15	Sale	Michael Brown	CoughEaze
	7	7	28	2023-06-20	Sale	Olivia Miller	ImmunoPlus
	8	8	18	2023-08-03	Sale	William Garcia	PainRelief Gel
	9	9	20	2023-09-05	Sale	Sophia Martinez	Probiotic Max
	10	10	14	2023-10-10	Sale	Liam Smith	SleepWell
	11	11	9	2023-05-20	Sale	Ava Anderson	EyeCare Drops
	12	12	26	2023-04-15	Sale	Noah Thomas	OmegaHealth
	13	13	7	2023-06-01	Sale	Emma Garcia	Antiseptic Spray
	14	14	18	2023-07-10	Sale	James Martinez	HairVitalize
	15	15	11	2023-08-05	Sale	Mia Johnson	JointEase
	16	16	15	2023-03-01	Sale	Ethan Brown	Vitamin C Cap...
	17	17	12	2023-02-10	Sale	Charlotte Wilson	MuscleRecov...
	18	18	11	2023-04-05	Sale	Amelia Taylor	Anti-Stress T...
	19	19	20	2023-05-15	Sale	Liam Rodriguez	Digestive Enz...

	20	20	9	2023-06-20	Sale	Avery Moore	SleepAid Syrup
	21	21	18	2023-07-10	Sale	Oliver Clark	Fiber Supplem...
	22	22	11	2023-08-15	Sale	Harper Baker	Burn Relief Gel
	23	23	13	2023-09-20	Sale	Evelyn Adams	Allergy Relief ...
	24	24	23	2023-10-25	Sale	Logan Hill	Protein Powder
	25	25	15	2023-11-30	Sale	Aubrey Ward	Focus Aid Ca...
	26	26	16	2023-12-15	Sale	Elijah Torres	Joint Support ...
	27	27	19	2024-01-20	Sale	Skylar Ramirez	Multivitamin T...
	28	28	10	2024-02-25	Sale	Zoey James	Nasal Spray
	29	29	21	2024-03-30	Sale	Sofia Watson	Energy Boost ...
	30	30	14	2024-04-05	Sale	Hunter Brooks	Burnout Relie...

#List products with their corresponding company names from the import table:

SELECT im.med\_name, im.med\_company\_name, p.Product\_Name

FROM import\_medicine im

JOIN Product p ON im.med\_name = p.Product\_Name;

Med_Name	Med_Company_Name	Product_Name
Painaway	MedCo	Painaway
ColdRelief	PharmaCorp	ColdRelief
AllerClear	HealthMeds	AllerClear
DigestPro	MediHealth	DigestPro
VitaBoost	NutriCare	VitaBoost
CoughEaze	HealthMeds	CoughEaze
ImmunoPlus	NutriCare	ImmunoPlus
PainRelief Gel	MediHealth	PainRelief Gel
Probiotic Max	PharmaCorp	Probiotic Max
SleepWell	HealthMeds	SleepWell
EyeCare Drops	MedCo	EyeCare Drops
OmegaHealth	NutriCare	OmegaHealth
Antiseptic Spray	MediHealth	Antiseptic Spray
HairVitalize	PharmaCorp	HairVitalize
JointEase	HealthMeds	JointEase
Vitamin C Capsules	NutriCare	Vitamin C Capsules
MuscleRecover Cream	MediHealth	MuscleRecover Cream
Anti-Stress Tablets	HealthMeds	Anti-Stress Tablets
Digestive Enzymes	PharmaCorp	Digestive Enzymes
SleepAid Syrup	MedCo	SleepAid Syrup
Fiber Supplement	NutriCare	Fiber Supplement
Burn Relief Gel	MediHealth	Burn Relief Gel
Allergy Relief Tablets	HealthMeds	Allergy Relief Tablets
Protein Powder	PharmaCorp	Protein Powder



Focus Aid Capsules	MedCo	Focus Aid Capsules
Joint Support Cream	NutriCare	Joint Support Cream
Multivitamin Tablets	MediHealth	Multivitamin Tablets
Nasal Spray	HealthMeds	Nasal Spray
Energy Boost Capsules	PharmaCorp	Energy Boost Capsules
Burnout Relief Spray	MedCo	Burnout Relief Spray

	med_name	med_company_name	Product_Name
►	Painaway	MedCo	Painaway
	ColdRelief	PharmaCorp	ColdRelief
	AllerClear	HealthMeds	AllerClear
	DigestPro	MediHealth	DigestPro
	VitaBoost	NutriCare	VitaBoost
	CoughEaze	HealthMeds	CoughEaze
	ImmunoPlus	NutriCare	ImmunoPlus
	PainRelief Gel	MediHealth	PainRelief Gel
	Probiotic Max	PharmaCorp	Probiotic Max
	SleepWell	HealthMeds	SleepWell
	EyeCare Drops	MedCo	EyeCare Drops
	OmegaHealth	NutriCare	OmegaHealth
	Antiseptic Sp...	MediHealth	Antiseptic Spray
	HairVitalize	PharmaCorp	HairVitalize
	JointEase	HealthMeds	JointEase
	Vitamin C Ca...	NutriCare	Vitamin C Cap...
	MuscleRecov...	MediHealth	MuscleRecov...
	Anti-Stress T...	HealthMeds	Anti-Stress T...
	Digestive En...	PharmaCorp	Digestive Enz...

	SleepAid Syrup	MedCo	SleepAid Syrup
	Fiber Supple...	NutriCare	Fiber Supplem...
	Burn Relief Gel	MediHealth	Burn Relief Gel
	Allergy Relie...	HealthMeds	Allergy Relief ...
	Protein Powder	PharmaCorp	Protein Powder
	Focus Aid Ca...	MedCo	Focus Aid Ca...
	Joint Suppor...	NutriCare	Joint Support ...
	Multivitamin ...	MediHealth	Multivitamin T...
	Nasal Spray	HealthMeds	Nasal Spray
	Energy Boos...	PharmaCorp	Energy Boost ...
	Burnout Reli...	MedCo	Burnout Relie...

**#Retrieve customers along with their purchased product types**

**SELECT c.Customer\_Name, p.Product\_Type**

**FROM Customer c**

**JOIN customer\_transaction ct ON c.Customer\_ID = ct.cus\_id**

**JOIN Product p ON ct.prod\_id = p.Product\_ID;**

Customer_Name	Product_Type
John Doe	Medicine
Jane Smith	Medicine
David Johnson	Medicine
Emily Davis	Medicine
Sarah Wilson	Supplement
Michael Brown	Medicine
Olivia Miller	Supplement
William Garcia	Topical
Sophia Martinez	Supplement
Liam Smith	Medicine
Ava Anderson	Medicine
Noah Thomas	Supplement
Emma Garcia	Topical
James Martinez	Supplement
Mia Johnson	Medicine
Ethan Brown	Supplement
Charlotte Wilson	Topical
Amelia Taylor	Medicine
Liam Rodriguez	Supplement
Avery Moore	Medicine
Oliver Clark	Supplement
Harper Baker	Topical
Evelyn Adams	Medicine
Logan Hill	Supplement
Aubrey Ward	Medicine
Elijah Torres	Topical
Skylar Ramirez	Supplement
Zoey James	Medicine
Sofia Watson	Supplement
Hunter Brooks	Topical

	Customer_Name	Product_Type
▶	John Doe	Medicine
	Jane Smith	Medicine
	David Johnson	Medicine
	Emily Davis	Medicine
	Sarah Wilson	Supplement
	Michael Brown	Medicine
	Olivia Miller	Supplement
	William Garcia	Topical
	Sophia Martinez	Supplement
	Liam Smith	Medicine
	Ava Anderson	Medicine
	Noah Thomas	Supplement
	Emma Garcia	Topical
	James Martinez	Supplement
	Mia Johnson	Medicine
	Ethan Brown	Supplement
	Charlotte Wilson	Topical
	Amelia Taylor	Medicine
	Liam Rodriguez	Supplement

	Avery Moore	Medicine
	Oliver Clark	Supplement
	Harper Baker	Topical
	Evelyn Adams	Medicine
	Logan Hill	Supplement
	Aubrey Ward	Medicine
	Elijah Torres	Topical
	Skylar Ramirez	Supplement
	Zoey James	Medicine
	Sofia Watson	Supplement
	Hunter Brooks	Topical



**#Get the total selling price for each product:**

**SELECT p.Product\_Name, SUM(ct.selling\_price) AS Total\_Selling\_Price**

**FROM Product p**

**LEFT JOIN customer\_transaction ct ON p.Product\_ID = ct.prod\_id**

**GROUP BY p.Product\_Name;**

Product_Name	Total_Selling_Price
Painaway	12
ColdRelief	9
AllerClear	16
DigestPro	13
VitaBoost	22
CoughEaze	10
ImmunoPlus	28
PainRelief Gel	18
Probiotic Max	20
SleepWell	14
EyeCare Drops	9
OmegaHealth	26
Antiseptic Spray	7
HairVitalize	18
JointEase	11
Vitamin C Capsules	15
MuscleRecover Cream	12
Anti-Stress Tablets	11
Digestive Enzymes	20
SleepAid Syrup	9
Fiber Supplement	18
Burn Relief Gel	11
Allergy Relief Tablets	13
Protein Powder	23
Focus Aid Capsules	15
Joint Support Cream	16
Multivitamin Tablets	19
Nasal Spray	10
Energy Boost Capsules	21
Burnout Relief Spray	14

	Product_Name	Total_Selling_Price
►	Painaway	12
	ColdRelief	9
	AllerClear	16
	DigestPro	13
	VitaBoost	22
	CoughEaze	10
	ImmunoPlus	28
	PainRelief Gel	18
	Probiotic Max	20
	SleepWell	14
	EyeCare Drops	9
	OmegaHealth	26
	Antiseptic Spray	7
	HairVitalize	18
	JointEase	11
	Vitamin C Cap...	15
	MuscleRecov...	12
	Anti-Stress T...	11
	Digestive Enz...	20

	SleepAid Syrup	9
	Fiber Supplem...	18
	Burn Relief Gel	11
	Allergy Relief ...	13
	Protein Powder	23
	Focus Aid Ca...	15
	Joint Support ...	16
	Multivitamin T...	19
	Nasal Spray	10
	Energy Boost ...	21
	Burnout Relie...	14

#List customers who have not made any transactions along with their addresses:

```
SELECT c.Customer_Name, c.Address
```

```
FROM Customer c
```

```
LEFT JOIN customer_transaction ct ON c.Customer_ID = ct.cus_id
```

```
WHERE ct.cus_id IS NULL;
```

Customer_Name	Address
---------------	---------

Customer_Name	Address
---------------	---------

#Retrieve all transactions made on products with their respective company names:

```
SELECT ct.*, p.Product_Name, p.Company_Name
```

```
FROM customer_transaction ct
```

```
JOIN Product p ON ct.prod_id = p.Product_ID;
```

Cus_id	Prod_id	Selling_Price	Transaction_Date	Transaction_Type	Product_Name	Company_Name
1	1	12	2023-12-05	Sale	Painaway	MedCo
2	2	9	2023-11-15	Sale	ColdRelief	PharmaCorp
3	3	16	2023-10-20	Sale	AllerClear	HealthMeds
4	4	13	2023-09-10	Sale	DigestPro	MediHealth
5	5	22	2023-08-25	Sale	VitaBoost	NutriCare
6	6	10	2023-07-15	Sale	CoughEaze	HealthMeds
7	7	28	2023-06-20	Sale	ImmunoPlus	NutriCare
8	8	18	2023-08-03	Sale	PainRelief Gel	MediHealth
9	9	20	2023-09-05	Sale	Probiotic Max	PharmaCorp
10	10	14	2023-10-10	Sale	SleepWell	HealthMeds
11	11	9	2023-05-20	Sale	EyeCare Drops	MedCo
12	12	26	2023-04-15	Sale	OmegaHealth	NutriCare
13	13	7	2023-06-01	Sale	Antiseptic Spray	MediHealth
14	14	18	2023-07-10	Sale	HairVitalize	PharmaCorp
15	15	11	2023-08-05	Sale	JointEase	HealthMeds
16	16	15	2023-03-01	Sale	Vitamin C Capsules	NutriCare
17	17	12	2023-02-10	Sale	MuscleRecover Cream	MediHealth
18	18	11	2023-04-05	Sale	Anti-Stress Tablets	HealthMeds

19	19	20	2023-05-15	Sale	Digestive Enzymes	PharmaCorp
20	20	9	2023-06-20	Sale	SleepAid Syrup	MedCo
21	21	18	2023-07-10	Sale	Fiber Supplement	NutriCare
22	22	11	2023-08-15	Sale	Burn Relief Gel	MediHealth
23	23	13	2023-09-20	Sale	Allergy Relief Tablets	HealthMeds
24	24	23	2023-10-25	Sale	Protein Powder	PharmaCorp
25	25	15	2023-11-30	Sale	Focus Aid Capsules	MedCo
26	26	16	2023-12-15	Sale	Joint Support Cream	NutriCare
27	27	19	2024-01-20	Sale	Multivitamin Tablets	MediHealth
28	28	10	2024-02-25	Sale	Nasal Spray	HealthMeds
29	29	21	2024-03-30	Sale	Energy Boost Capsules	PharmaCorp
30	30	14	2024-04-05	Sale	Burnout Relief Spray	MedCo

	cus_id	prod_id	selling_price	transaction_date	transaction_type	Product_Name	Company_Name
►	1	1	12	2023-12-05	Sale	Painaway	MedCo
	2	2	9	2023-11-15	Sale	ColdRelief	PharmaCorp
	3	3	16	2023-10-20	Sale	AllerClear	HealthMeds
	4	4	13	2023-09-10	Sale	DigestPro	MediHealth
	5	5	22	2023-08-25	Sale	VitaBoost	NutriCare
	6	6	10	2023-07-15	Sale	CoughEase	HealthMeds
	7	7	28	2023-06-20	Sale	ImmunoPlus	NutriCare
	8	8	18	2023-08-03	Sale	PainRelief Gel	MediHealth
	9	9	20	2023-09-05	Sale	Probiotic Max	PharmaCorp
	10	10	14	2023-10-10	Sale	SleepWell	HealthMeds
	11	11	9	2023-05-20	Sale	EyeCare Drops	MedCo
	12	12	26	2023-04-15	Sale	OmegaHealth	NutriCare
	13	13	7	2023-06-01	Sale	Antiseptic Spray	MediHealth
	14	14	18	2023-07-10	Sale	HairVitalize	PharmaCorp
	15	15	11	2023-08-05	Sale	JointEase	HealthMeds
	16	16	15	2023-03-01	Sale	Vitamin C Cap...	NutriCare
	17	17	12	2023-02-10	Sale	MuscleRecov...	MediHealth
	18	18	11	2023-04-05	Sale	Anti-Stress T...	HealthMeds
	19	19	20	2023-05-15	Sale	Digestive Enz...	PharmaCorp

	20	20	9	2023-06-20	Sale	SleepAid Syrup	MedCo
	21	21	18	2023-07-10	Sale	Fiber Supplem...	NutriCare
	22	22	11	2023-08-15	Sale	Burn Relief Gel	MediHealth
	23	23	13	2023-09-20	Sale	Allergy Relief ...	HealthMeds
	24	24	23	2023-10-25	Sale	Protein Powder	PharmaCorp
	25	25	15	2023-11-30	Sale	Focus Aid Ca...	MedCo
	26	26	16	2023-12-15	Sale	Joint Support ...	NutriCare
	27	27	19	2024-01-20	Sale	Multivitamin T...	MediHealth
	28	28	10	2024-02-25	Sale	Nasal Spray	HealthMeds
	29	29	21	2024-03-30	Sale	Energy Boost ...	PharmaCorp
	30	30	14	2024-04-05	Sale	Burnout Relie...	MedCo

## THE CONCLUSION OF A PROJECT

In conclusion, the Medical Database Management System implemented in this SQL project serves as a crucial tool for organizing and retrieving medical information efficiently.

With robust features such as patient records, appointment scheduling, and medication tracking, the system enhances overall healthcare management, promoting accuracy and accessibility of vital data for healthcare professionals. The successful integration of this system lays the foundation for improved patient care, streamlined administrative processes, and enhanced decision-making within the medical facility.

