```sql
CREATE TABLE Donor
(
id INT PRIMARY KEY,
name VARCHAR(100) NOT NULL,
email VARCHAR(150),
mobile_phone VARCHAR(15),
donation_type VARCHAR(50)
);

INSERT INTO Donor VALUES(11457558,'Ahmed Mohammed', 'ahmed@gmail.com', '0501234567', 'money');
INSERT INTO Donor VALUES(11468457,'Fatima Ali', 'fatima@gmail.com', '0539869085', 'clothes');
INSERT INTO Donor VALUES(11946376,'Khaled Hassan', 'khaled@gmail.com', '0556787849', 'Food items');
INSERT INTO Donor VALUES(11038256,'Noor Abdullah', 'nour@gmail.com', '0507659834', 'books');
INSERT INTO Donor VALUES(11738753,'Ali Ibrahim', 'ali@gmail.com', '0559236581', 'money');
INSERT INTO Donor VALUES(11385489,'Sarah Mahmoud', 'sara@gmail.com', '0538257329', 'Medications');
INSERT INTO Donor VALUES(11597648,'Yousef Khaled', 'youssef@gmail.com', '0509873627', 'money');
INSERT INTO Donor VALUES(11875397,'Layla Saeed', 'layla@gmail.com', '0556430213', 'Food items');
INSERT INTO Donor VALUES(11753379,'Omar Abdul Rahman', 'omar@gmail.com', '0536123898', 'Devices');
INSERT INTO Donor VALUES(11577884,'Heba Mustafa', 'hiba@gmail.com', '0538763210', 'Medicines');


CREATE TABLE SocialActivities
(
ActivityType VARCHAR(100),
```

```sql
CREATE TABLE SocialActivities (
Category VARCHAR(100)
,ActivityDate DATE
,NumberOfParticipants INT
,PurposeOFActivity VARCHAR(100) PRIMARY KEY
);

INSERT INTO SocialActivities VALUES ('healthy','spreading awareness about chronic diseases',40,'2024-05-07','general community');
INSERT INTO SocialActivities VALUES ('Educational','student assistance',20,'2024-07-20','School student');
INSERT INTO SocialActivities VALUES ('environmental','promote the culture of cleanliness',50,'2024-08-06','general community');
INSERT INTO SocialActivities VALUES ('social','providing psychological support to the elderly',10,'2024-09-05','elderly');
INSERT INTO SocialActivities VALUES ('charitable','helping needy families',40,'2024-09-19','needy families');
INSERT INTO SocialActivities VALUES ('charitable','distribution of Iftar meals during Ramadan',50,'2025-02-24','fasting people in need');
INSERT INTO SocialActivities VALUES ('healthy','blood donation campaign to support hospital',30,'2025-02-28','patients in need of blood');
INSERT INTO SocialActivities VALUES ('technical','providing programming and AI workshops',40,'2025-03-07','youth interested in technology');
INSERT INTO SocialActivities VALUES ('social','organizing a fun day for orphans',30,'2025-03-10','orphan children');
INSERT INTO SocialActivities VALUES ('charitable','distribution of clothes to needy children',20,'2025-03-16','children in need');

CREATE TABLE License (
Location VARCHAR(100)
,LicenseNumber INT PRIMARY KEY
)
```

```sql
EntityType VARCHAR(100),
EntityName VARCHAR(100),
LicenseCertificate VARCHAR(100)
);

INSERT INTO License VALUES(12345,'Riyadh','charity association','AL-BIR charity association','certificate-12345');
INSERT INTO License VALUES(67890,'Jeddah','foundation','AL-AMAL charity foundation','certificate-67890');
INSERT INTO License VALUES(11223,'Abha','organization','Global Poverty Association','certificate-11223');
INSERT INTO License VALUES(33456,'Mecca','charity association','AL-IHSAN charity association','certificate-33456');
INSERT INTO License VALUES(78901,'Medina','foundation','AL-Ibtisam charity foundation','certificate-78901');
INSERT INTO License VALUES(44567, 'Jeddah', 'charity association', 'AL-RAHMA charity association', 'certificate-44567');
INSERT INTO License VALUES(55678, 'Dammam', 'organization', 'Hope Foundation', 'certificate-55678');
INSERT INTO License VALUES(66789, 'Taif', 'charity association', 'AL-KHAYR charity association', 'certificate-66789');

INSERT INTO License VALUES(77890, 'Al-Khobar', 'foundation', 'AL-FARAH charity foundation', 'certificate-77890');
INSERT INTO License VALUES(88901, 'Tabuk', 'organization', 'Future Vision Association', 'certificate-88901');


CREATE TABLE CharityProjects (
CaseNumber INT PRIMARY KEY,
Category VARCHAR(255),
Budget DECIMAL(15,2),
BeneficiaryCount INT
```

ActivityStatus VARCHAR(255),

PurposeOFActivity VARCHAR(100),

LicenseNumber INT,

FOREIGN KEY (PurposeOFActivity) REFERENCES SocialActivities(PurposeOFActivity),

FOREIGN KEY (LicenseNumber) REFERENCES License(LicenseNumber)

);

INSERT INTO CharityProjects VALUES(1, 'Education', 50000.00, 200, 'Active','spreading awareness about chronic diseases',11223);

INSERT INTO CharityProjects VALUES(2, 'Healthcare', 75000.00, 150, 'Inactive','student assistance', 12345);

INSERT INTO CharityProjects VALUES(3, 'Social', 100000.00, 500,'Active','promote the culture of cleanliness', 33456);

INSERT INTO CharityProjects VALUES(4,'Charitable' , 200000.00, 50, 'In Progress','providing psychological support to the elderly', 33456);

INSERT INTO CharityProjects VALUES(5, 'Water Supply', 120000.00, 1000, 'Active','helping needy families', 44567);

INSERT INTO CharityProjects VALUES(6, 'Food Distribution', 90000.00, 600, 'Completed','distribution of Iftar meals during Ramadan',55678);

INSERT INTO CharityProjects VALUES(7,'Healthy', 30000.00, 200, 'Inactive','blood donation campaign to support hospital',66789);

INSERT INTO CharityProjects VALUES(8, 'Healthcare Access', 150000.00, 350, 'In Progress','providing programming and AI workshops',67890);

INSERT INTO CharityProjects VALUES(9, 'Environmental', 250000.00, 800, 'Active','organizing a fun day for orphans',78901);

INSERT INTO CharityProjects VALUES(10, 'Youth Education', 40000.00, 180, 'Completed','distribution of clothes to needy children',88901);

CREATE TABLE ParticipateIN (

id INT,

PurposeOFActivity VARCHAR(100),

```sql
    ,FOREIGN KEY (id) REFERENCES Donor(id)
FOREIGN KEY (PurposeOFActivity) REFERENCES SocialActivities(PurposeOFActivity)
);

INSERT INTO ParticipateIN VALUES(11457558,'spreading awareness about chronic diseases');
INSERT INTO ParticipateIN VALUES(11468457,'student assistance');

INSERT INTO ParticipateIN VALUES(11946376,'promote the culture of cleanliness');
INSERT INTO ParticipateIN VALUES(11038256,'providing psychological support to the elderly');
INSERT INTO ParticipateIN VALUES(11738753,'helping needy families');
INSERT INTO ParticipateIN VALUES(11385489,'distribution of Iftar meals during Ramadan');
INSERT INTO ParticipateIN VALUES(11597648,'blood donation campaign to support hospital');
INSERT INTO ParticipateIN VALUES(11875397,'providing programming and AI workshops');
INSERT INTO ParticipateIN VALUES(11753379,'organizing a fun day for orphans');
INSERT INTO ParticipateIN VALUES(11577884,'distribution of clothes to needy children');


CREATE TABLE Beneficiary (
    BeneficiaryID INT PRIMARY KEY,
    Name VARCHAR(100),
    PhoneNumber VARCHAR(20),
    Address TEXT,
    AidType VARCHAR(50)
);
INSERT INTO Beneficiary VALUES(101, 'Ahmed', '01112345678', 'Riyadh', 'Food Assistance');
INSERT INTO Beneficiary VALUES(205, 'Fatimah', '01298765432', 'Jeddah', 'Medical Support');
```

```sql
INSERT INTO Beneficiary VALUES(309, 'Khalid', '01056789123', 'Dammam', 'Educational
Support');


INSERT INTO Beneficiary VALUES(417, 'Laila', '00966543218765', 'Al-Khobar', 'Financial
Assistance');
INSERT INTO Beneficiary VALUES(523, 'Mona', '01122334455', 'Mecca', 'Emergency
Relief');
INSERT INTO Beneficiary VALUES(634, 'Sami', '01233445566', 'Tabuk', 'Food Assistance');
INSERT INTO Beneficiary VALUES(742, 'Rami', '01044556677', 'Madina', 'Medical
Support');
INSERT INTO Beneficiary VALUES(856, 'Sara', '01155667788', 'Abha', 'Educational
Support');
INSERT INTO Beneficiary VALUES(968, 'Yousef', '01266778899', 'Hail', 'Financial
Assistance');
INSERT INTO Beneficiary VALUES(1075, 'Noura', '01077889900', 'Khamis Mushait',
'Emergency Relief');


CREATE TABLE benefirtsFrom (
CaseNumber INT,
BeneficiaryID INT,
FOREIGN KEY (CaseNumber) REFERENCES CharityProjects (CaseNumber),
FOREIGN KEY (BeneficiaryID) REFERENCES Beneficiary(BeneficiaryID)
);
INSERT INTO benefirtsFrom  VALUES (1, 101);
INSERT INTO benefirtsFrom VALUES (2, 205);
INSERT INTO benefirtsFrom VALUES (3, 309);
INSERT INTO benefirtsFrom VALUES (4, 417);
INSERT INTO benefirtsFrom VALUES (5, 523);
INSERT INTO benefirtsFrom VALUES (6, 634);
INSERT INTO benefirtsFrom VALUES (7, 742);
```

;(856 ,8) INSERT INTO benefirtsFrom VALUES

;(968 ,9) INSERT INTO benefirtsFrom VALUES

;(1075 ,10) INSERT INTO benefirtsFrom VALUES

;SELECT * FROM Donor

;SELECT * FROM SocialActivities

;SELECT * FROM CharityProjects

;SELECT * FROM ParticipateIN

;SELECT * FROM License

SELECT donation_type

FROM Donor

GROUP BY donation_type

;ORDER BY donation_type ASC

SELECT PurposeOFActivity

FROM SocialActivities

GROUP BY PurposeOFActivity

;ORDER BY PurposeOFActivity DESC

SELECT ActivityStatus

FROM CharityProjects

GROUP BY ActivityStatus

;ORDER BY ActivityStatus ASC

SELECT AidType

FROM Beneficiary

```sql
GROUP BY AidType
;ORDER BY AidType DESC


SELECT EntityType
FROM License
GROUP BY EntityType
;ORDER BY EntityType ASC



select count(Budget)
;from CharityProjects


select BeneficiaryID,PurposeOFActivity
from Beneficiary
;cross join SocialActivities
```

STDIN

Input for the program (Optional)

Output:

id	name	email	mobile_phone	donation_type
11038256	Noor Abdullah	nour@gmail.com	0507659834	books
11385489	Sarah Mahmoud	sara@gmail.com	0538257329	Medications
11457558	Ahmed Mohammed	ahmed@gmail.com	0501234567	money
11468457	Fatima Ali	fatima@gmail.com	0539869085	clothes
11577884	Heba Mustafa	hiba@gmail.com	0538763210	Medicines
11597648	Yousef Khaled	youssef@gmail.com	0509873627	money
11738753	Ali Ibrahim	ali@gmail.com	0559236581	money
11753379	Omar Abdul Rahman	omar@gmail.com	0536123898	Devices
11875397	Layla Saeed	layla@gmail.com	0556430213	Food items
11946376	Khaled Hassan	khaled@gmail.com	0556787849	Food items

ActivityType	PurposeOFActivity	NumberOfParticipants	ActivityDate	Category
healthy	blood donation campaign to support hospital	30	2025-02-28	patients in need of blood
charitable	distribution of clothes to needy children	20	2025-03-16	children in need
charitable	distribution of Iftar meals during Ramadan	50	2025-02-24	fasting people in need
charitable	helping needy families	40	2024-09-19	needy families
social	organizing a fun day for orphans	30	2025-03-10	orphan children
environmental	promote the culture of cleanliness	50	2024-08-06	general community
technical	providing programming and AI workshops	40	2025-03-07	youth interested in technology
social	providing psychological support to the elderly	10	2024-09-05	elderly
healthy	spreading awareness about chronic diseases	40	2024-05-07	general community
Educational	student assistance	20	2024-07-20	School student

CaseNumber	Category	Budget	BeneficiaryCount	ActivityStatus	PurposeOFActivity	LicenseNumber
1	Education	50000.00	200	Active	spreading awareness about chronic diseases	11223
2	Healthcare	75000.00	150	Inactive	student assistance	12345
3	Social	100000.00	500	Active	promote the culture of cleanliness	33456
4	Charitable	200000.00	50	In Progress	providing psychological support to the elderly	33456
5	Water Supply	120000.00	1000	Active	helping needy families	44567

Input for the program (Optional)

| healthy | spreading awareness about chronic diseases | | 40 | 2024-05-07 | general community |
| Educational | student assistance | | 20 | 2024-07-20 | School student |

CaseNumber	Category	Budget	BeneficiaryCount	ActivityStatus	PurposeOFActivity	LicenseNumber
1	Education	50000.00	200	Active	spreading awareness about chronic diseases	11223
2	Healthcare	75000.00	150	Inactive	student assistance	12345
3	Social	100000.00	500	Active	promote the culture of cleanliness	33456
4	Charitable	200000.00	50	In Progress	providing psychological support to the elderly	33456
5	Water Supply	120000.00	1000	Active	helping needy families	44567
6	Food Distribution	90000.00	600	Completed	distribution of Iftar meals during Ramadan	55678
7	Healthy	30000.00	200	Inactive	blood donation campaign to support hospital	66789
8	Healthcare Access	150000.00	350	In Progress	providing programming and AI workshops	67890
9	Environmental	250000.00	800	Active	organizing a fun day for orphans	78901
10	Youth Education	40000.00	180	Completed	distribution of clothes to needy children	88901

id	PurposeOFActivity
11457558	spreading awareness about chronic diseases
11468457	student assistance
11946376	promote the culture of cleanliness
11038256	providing psychological support to the elderly
11738753	helping needy families

Input for the program (Optional)

| 9 | Environmental | 250000.00 | 800 | Active | organizing a fun day for orphans | 78901 |
| 10 | Youth Education | 40000.00 | 180 | Completed | distribution of clothes to needy children | 88901 |

id	PurposeOFActivity
11457558	spreading awareness about chronic diseases
11468457	student assistance
11946376	promote the culture of cleanliness
11038256	providing psychological support to the elderly
11738753	helping needy families
11385489	distribution of Iftar meals during Ramadan
11597648	blood donation campaign to support hospital
11875397	providing programming and AI workshops
11753379	organizing a fun day for orphans
11577884	distribution of clothes to needy children

LicenseNumber	Location	EntityType	EntityName	LicenseCertificate
11223	Abha	organization	Global Poverty Association	certificate-11223
12345	Riyadh	charity association	AL-BIR charity association	certificate-12345
33456	Mecca	charity association	AL-IHSAN charity association	certificate-33456
44567	Jeddah	charity association	AL-RAHMA charity association	certificate-44567
55678	Dammam	organization	Hope Foundation	certificate-55678
66789	Taif	charity association	AL-KHAYR charity association	certificate-66789

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Input for the program (Optional)

```
+---------------+----------+---------------------+--------------------------------+---------------------+
| LicenseNumber | Location | EntityType          | EntityName                     | LicenseCertificate  |
+---------------+----------+---------------------+--------------------------------+---------------------+
|         11223 | Abha     | organization        | Global Poverty Association     | certificate-11223   |
|         12345 | Riyadh   | charity association | AL-BIR charity association     | certificate-12345   |
|         33456 | Mecca    | charity association | AL-IHSAN charity association   | certificate-33456   |
|         44567 | Jeddah   | charity association | AL-RAHMA charity association   | certificate-44567   |
|         55678 | Dammam   | organization        | Hope Foundation                | certificate-55678   |
|         66789 | Taif     | charity association | AL-KHAYR charity association   | certificate-66789   |
|         67890 | Jeddah   | foundation          | AL-AMAL charity foundation     | certificate-67890   |
|         77890 | Al-Khobar| foundation          | AL-FARAH charity foundation    | certificate-77890   |
|         78901 | Medina   | foundation          | AL-Ibtisam charity foundation  | certificate-78901   |
|         88901 | Tabuk    | organization        | Future Vision Association      | certificate-88901   |
+---------------+----------+---------------------+--------------------------------+---------------------+

+---------------+
| donation_type |
+---------------+
| books         |
| clothes       |
| Devices       |
| Food items    |
| Medications   |
| Medicines     |
| money         |
```

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Input for the program (Optional)

```
| money         |
+---------------+

+------------------------------------------------+
| PurposeOFActivity                              |
+------------------------------------------------+
| student assistance                             |
| spreading awareness about chronic diseases     |
| providing psychological support to the elderly |
| providing programming and AI workshops         |
| promote the culture of cleanliness             |
| organizing a fun day for orphans               |
| helping needy families                         |
| distribution of Iftar meals during Ramadan     |
| distribution of clothes to needy children      |
| blood donation campaign to support hospital    |
+------------------------------------------------+

+----------------+
| ActivityStatus |
+----------------+
| Active         |
| Completed      |
| In Progress    |
| Inactive       |
+----------------+
```

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Q Search
ENG 7:20 PM 2/4/2025

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Input for the program (Optional)

```
+------------------+
+----------------------+
| AidType              |
+----------------------+
| Medical Support      |
| Food Assistance      |
| Financial Assistance |
| Emergency Relief     |
| Educational Support  |
+----------------------+

+----------------------+
| EntityType           |
+----------------------+
| charity association  |
| foundation           |
| organization         |
+----------------------+

+---------------+
| count(Budget) |
+---------------+
|            10 |
+---------------+

+--------------+--------------------------------------+
| BeneficiaryID | PurposeOFActivity                   |
+--------------+--------------------------------------+
|         1075 | blood donation campaign to support hospital
```

---

queries.sql + 43849zfus AI NEW MYSQL RUN

STDIN

Input for the program (Optional)

```
| organization         |
+----------------------+

+---------------+
| count(Budget) |
+---------------+
|            10 |
+---------------+

+--------------+--------------------------------------+
| BeneficiaryID | PurposeOFActivity                   |
+--------------+--------------------------------------+
|         1075 | blood donation campaign to support hospital |
|          968 | blood donation campaign to support hospital |
|          856 | blood donation campaign to support hospital |
|          742 | blood donation campaign to support hospital |
|          634 | blood donation campaign to support hospital |
|          523 | blood donation campaign to support hospital |
|          417 | blood donation campaign to support hospital |
|          309 | blood donation campaign to support hospital |
|          205 | blood donation campaign to support hospital |
|          101 | blood donation campaign to support hospital |
|         1075 | distribution of clothes to needy children   |
|          968 | distribution of clothes to needy children   |
|          856 | distribution of clothes to needy children   |
|          742 | distribution of clothes to needy children   |
|          634 | distribution of clothes to needy children   |
```

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