

## 1. Open SQLite3 and Connect to the Database

If SQLite is installed, open a terminal or command prompt and navigate to the folder where `bloodbankdb.db` is located.

Run the following command:

```
sqlite3 bloodbankdb.db
```

If successful, you will see the SQLite prompt:

```
sqlite>
```

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## 2. Check Available Tables

To see the tables in your database, run:

```
.tables
```

You should see:

```
donors      requests
```

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## 3. View Donor Data

To see all registered donors:

```
SELECT * FROM donors;
```

Example output

```
1 | John Doe | 9876543210 | A+ | Hyderabad
2 | Alice   | 9123456789 | B+ | Bangalore
```

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## 4. View Blood Requests

To see all blood requests:

```
SELECT * FROM requests;
```

Example output:

```
1 | Rahul | O+
2 | Sneha | B-
```

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## 5. Check Donors for a Specific Blood Group

To find all donors with A+ blood group:

```
SELECT * FROM donors WHERE blood_group = 'A+';
```

Example output:

## 6. Count the Number of Donors

To get the total number of donors:

```
SELECT COUNT(*) FROM donors;
```