TRANSACTION ANALYSIS

create table Transaction(transaction_id number primary key,transaction_date date not null,transaction_to varchar(225) not null,transaction_amount number not null,transaction_remarks varchar(225) not null);

insert into Transaction values(1,'01-Mar-2025','Arundhathi',1500,'Education');

insert into Transaction values(2,'05-Jun-2025','Akshira',500,'Friend');

insert into Transaction values(3,'15-Jan-2025','Annapo',2500,'Friend');

insert into Transaction values(4,'5-feb-2025','Eeksha',3500,'Emergency');

insert into Transaction values(5,'8-feb-2025','Divija',500,'Family');

table : select * from Transaction;

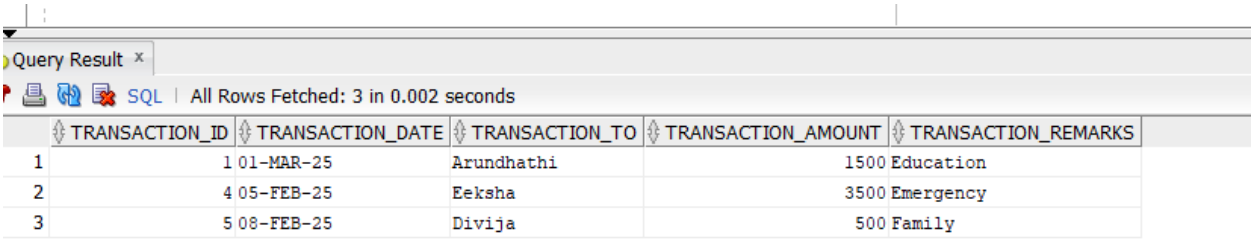
Script Output | Query Result

SQL | All Rows Fetched: 5 in 0.003 seconds

	TRANSACTION_ID	TRANSACTION_DATE	TRANSACTION_TO	TRANSACTION_AMOUNT	TRANSACTION_REMARKS
1	1	01-MAR-25	Arundhathi	1500	Education
2	2	05-JUN-25	Akshira	500	Friend
3	3	15-JAN-25	Annapo	2500	Friend
4	4	05-FEB-25	Eeksha	3500	Emergency
5	5	08-FEB-25	Divija	500	Family

1. create view display_all as select * from Transaction where transaction_date between '02-Feb-2025' and '31-Mar-2025';

   select * from display_all;



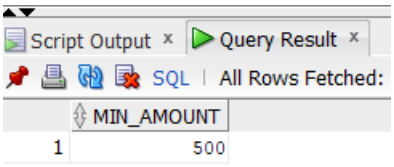
Query Result

SQL | All Rows Fetched: 3 in 0.002 seconds

	TRANSACTION_ID	TRANSACTION_DATE	TRANSACTION_TO	TRANSACTION_AMOUNT	TRANSACTION_REMARKS
1	1	01-MAR-25	Arundhathi	1500	Education
2	4	05-FEB-25	Eeksha	3500	Emergency
3	5	08-FEB-25	Divija	500	Family

2. create view min_transaction as select min(transaction_amount) as min_amount from Transaction;

   select * from min_transaction;



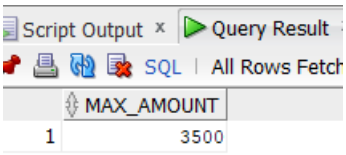
Script Output | Query Result

SQL | All Rows Fetched:

	MIN_AMOUNT
1	500

3. create view max_transaction as select max(transaction_amount) as max_amount from Transaction;

   select * from max_transaction;



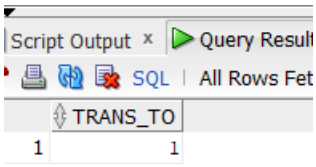
Script Output | Query Result

SQL | All Rows Fetch

	MAX_AMOUNT
1	3500

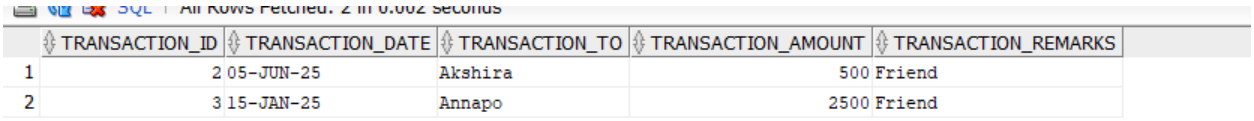
4. create view count_transactions as select count(transaction_to) as trans_to from Transaction where transaction_to='Akshira';

select * from count_transactions;



5. create view remark as select * from Transaction where transaction_remarks='Friend';

select * from remark;



	TRANSACTION_ID	TRANSACTION_DATE	TRANSACTION_TO	TRANSACTION_AMOUNT	TRANSACTION_REMARKS
1	2	05-JUN-25	Akshira	500	Friend
2	3	15-JAN-25	Annapo	2500	Friend