th Customerial int Pu Fname varchar(12) Iname varchar (20) Imploile char (12)	DebitCardInfo Entity	Calance decimal (9,2) Firstuse date pinchange date
	account no int pk cardino char (19) brand onum ('VISA', 'MC')	Debatcard Info is an example of 1:1 relationship Transaction Txn id bigint PU
	credit bodean expiry month tiny int expiry year year (4) customerid int FU	txh time timestomp amount decimal (9,2) account no int FX
	nb: card type could be separate charts	e (band) e a e entity be a
9	charte	than 2 attributes

4	
2.1	SELECT station.name FROM station INNER JOIN line ON station.lineid= line.lineid WHERE line.name = 'WESTERN' ORDER BY station. sequence;
2.2.	nb must use inner join as station + line tarbles share 2 columns name and lineid! SELECT customer. username, COUNT (journey. journeyid), SUM (journey. cost)
	FROM customer NATURAL JOIN jour ney customer WHERE journey, faretype = GROUP BY customer username;
2.3	SELECT station. name FROM station WHERE station station id NOT IN (SELECT journey startstationid as stationid FROM journey
	UNION SELECT journey ordistationed as stationed FROM journey)

2.4. SELECT austomer wername austoner natural (join) ourney FROM INNER JOIN Station station station id = journey startstation id station. Stationid = "journey. endstation ID GROUP BY customer username HAVING count (DISTINCT (station lineid) = (SELECT count (*) line alternatively SELECT customer username EXISTS NOT FXISTS ROM journey INNER JOIN Station ON station. stationid = journey. startstation IP station. stationid = journey. endstation ID

PET (PetID, Pet_nome, type, Owner_id)
OWNER (OUNTELID, OWNER_NAME, MOBILE)
PROCEEDURE (PROC_ID, PROC_DESC)
VISIT (VISIT, PROC_ID, PET_ID*)

5.
ACID Proporties:
Atomic - occur all changes succeed or all
Consistst - what was the before the transaction is the after.
eg: an update to a not null column must etill contain a value after the tresaction
I ledeported transactions are indeported a solution - transactions must run in indication changes are not visible to other sessions
- durable once the change is made it is durable to gli uses.
However Basis BASE (Basically Arallable, Suffishede Everly Consider).
Nosal does not need to focus on consistery, isolation or durable changes. All changes are eventually consistent at a future date. Changes do not need to occur in isolation. Nosal focuses on availability of the database. Political databases focus on the consisterily of data