

Review – Introduction to DBA

1. What are entities, attributes, primary keys, what are symbols?

Entities are representation object, place, class, person or things in DBMS.

Attributes are the characteristic of the entity, the data to describe the entity.

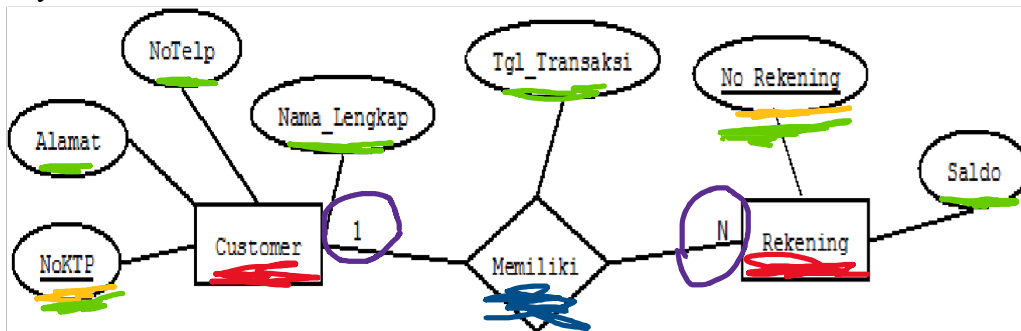
Primary keys are the attributes that has unique value to identifies each row in a table (entity).

Symbols are a shape to create a diagram in DBMS. Entities use rectangle symbol, attributes use oval shape, etc.

2. What do you think is the relation and cardinality and how about the symbol?

Cardinality is the relation of data in the database, usually the relationships are 1 to 1, 1 to many, many to many.

3. Focus on Figure below! Then write down which ones include entities, attributes, primary keys, relations, and cardinalities! Use 5 different colors to match. Give Information



Red is the entity, there are 2 entities.

Green is the attributes, there are 4 attributes in Customer entity, and 2 attributes in Rekening entity, and 1 attributes in Memiliki relation.

Yellow is the primary key.

Blue is the relation between Customer and Rekening.

Purple is the cardinality between Customer and Rekening. 1 Customer may have(Memiliki) many Rekening.

4. Investigate the Figure in number 3! Convert it into a relationship scheme!

Customer	
PK	<u>NoKTP</u>
	Nama_Lengkap
	Alamat
	NoTelp

Transaksi	
PK	<u>Tgl_Transaksi</u>
FK1	NoKTP
FK2	NoRekening

Rekening	
PK	<u>NoRekening</u>
	Saldo

5. Convert the relation scheme to a relationship diagram! Observe the results of your relationship diagram?

