











SQL creating tables

create table defines the structure of a table

 create table tablename (column definition 1,, column definition n [, constraint 1, ...])

Column definition ::= column_name datatype [not null] [default value] [column constraint ...]

Table definition
create table Ordered (
OrderId integer not null,
WhenMade date not null,
Customer integer not null,
WayIssued varchar(20),
PaymentBy varchar(20) not null,
TotalPrice decimal(6,2) not null,
constraint pk_order primary key (OrderId),
constraint fk_ordercustomer foreign key
(Customer) references Customer
);



Table definition
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key foreign key





SQL query

Query elementys: select result_specification from tables [where select_conditions]* [group by grouping_criteria] [having group_restrictions]* [order by ordering_criteria]* A query produces a unnamed result table.











SQL query

- If value null is involved in any comparison the expression evaluates to truth value unknown.
- A row satisfies (or a combination of rows) satisfies a selection criterion only if the criterion evaluates to true.
- Truth values true and false behave in logical expressions according the standard rules of logic (like in programming languages). The behavior of the three truth values is depicted in the following tables

	true	false	unknown	ΝΟΤ	
	liue	Taise	unknown	true	false
true	true	false	unknown		
false	false	false	false	false	true
unknown	unknown	false	unknown	unknown	unknown

QL-kysely	rt			
OR	true	false	unknown	
true	true	true	true	
false	true	false	unknown	
unknown	true	unknown	unknown	
•Existence Column is otherwise	of valu null: e false	ues in a co evaluates to	lumn is teste	ed with: value is nu

