⇒ Database: - A dotabase is an organized coefficien of dota. Knetwork a) Two-tien - user & application to database system
b) Three-tien - user & application to application server by sen ⇒ Databane Anchit: a) Super key - A superkey is a combination of columns => Different types of keys: that consquely identifier any now within a b) Candidate tray > Super tray this a condidate tray it to is minimal. > all minimum posible key of superkey to indentify any now. (oc) Primary key > One of the condidate keys is relected as the primary trey * can't be null value * can't repeated same veile

d)foreign key -> Value in one relation must appear in another. => Referencing relation -> (5 Refer ano [2nd table] > Referenced relation -> zmar Refer and [Ast & main table] => Schema Diagram: Entity and stud primary key Attribute 2 and and some and some and some and a some and a some a some and a some a some a some a some and a some a some a some a some a some and a some a some a some a some and a some spengros voitaluginos tam audo tant => Creete table - Creete table Entity (Attribute name dater type, Attribute name dater type, Primary Key (Athibatemane) => Set Fosteign key > Constraint the abel to erign key (Athibute) references Referencing Key ward table A Entity (Attribute) on applate carcade on delete carcade from ounland Reformed Table Athribute

~ Any changes in knimary key value it will effect be
changed in foreign key value.
and Tand to such
Alter table Entity Actor to promote data type
Alter table butity
forada - Add Attribute name data 1910 small &
foradd = Add Attribute name data type foradd = Drop Attribute name of withall dota
1) Company of the com
> Drop table Entity Entity teable will be deleted conquery
Just values Language
Drop table Entity Entity terble will be deleted completly The property of the Sentity terble will be deleted completly The sufficient of the sent of
regly otalo more 1 (c. 151 m Mues (olds + 3 to) i
3) Insert of the first
=> Select Query => Select A1, A2, A3,, An
from Entityming & where to for string
where [condition] [use the
Constituted the property different values form
Distinct teayword tornous a column. I trust and
Existinct Address Fadday TAddress Edy
color ouxformer charles charles
from who what so is the send of

> Multiple condition for select:
where address = Dha' or address = ctg'
> where address = 'Dha' or address = 'ctg' > where class = 7 & rection = 'A' > where class = 7 & rection = 'A'
3 Select all columns by a right single statement:
3 Select all Column 25 toy ward
Sellet & The
Select + calculation: Select Pid, (quantify relling price + vot), many price + vot).
Select + Coursely rolling price + volling price + volling
Select Pid, (que to bride homes 10)
Pename operation: 20 total-price
· (quantity & solling price trat) as
A 1
3 (D) (C) (S)
update trity
Set Harison (
⇒ Delete: Chtity
Delete From 1 condition);
Delete from Entity where (condition);

⇒ String operation:
operator -> like
⇒ special characters:
% -> Metches any substring
> Matches by single character
⇒ Pattern Matching enemple: beginning
'Mr. 90' -> Malehing any string string with "Man"
" %abc%' -> Matching any string continue
characters. characters. characters any string of at least %' -> motches any string of at least three characters.
> ordering the display at row Tuples:
-> arrending -> arc. who all is a description;
⇒ Between operator: Thelet product id (6nd) Select attribute from Entity ander by attribute as
Serving Sund

> Between operator: [Must us AND operation] trom Entity
cuhere Attribute between condition and condition tuherie condition and condition ⇒ Join Query; Select Entity. Attribute From those Entities cuhere condition (with Entity. Athibute) -> use in Select avery ⇒ Aggregate functions: ¿ avg (Attribute) select count (order-id) Big max (Attribute) from customer-order where order date = 2010 - 10-01' (Attribute) De Bumi (Attribute) some Entity => Group by: group by Attribute = (2) For (5) group by 275 = toron Entity > Group by see translate dops condition fortal "heaving" 250200 Eni having count (Attribute) > 2.