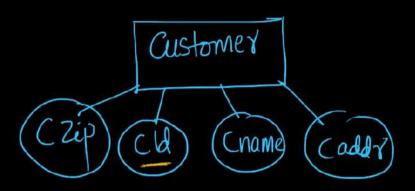
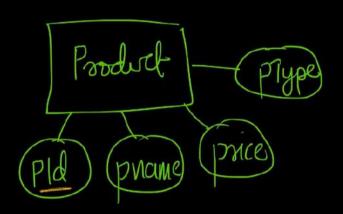


properties fealures of an entily relationships SCOLOMIS Product Customer mce prome) Chame Coddy nice Prame Chama Cadar Czip

APPLIED COURSE







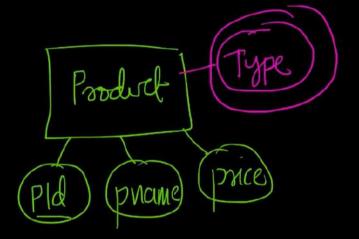


Multi-valued attribulés



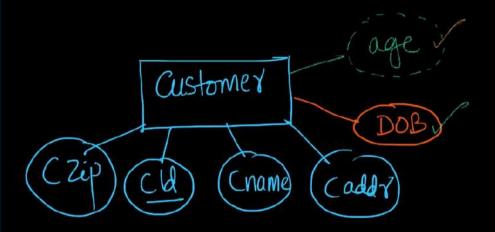
Cname)

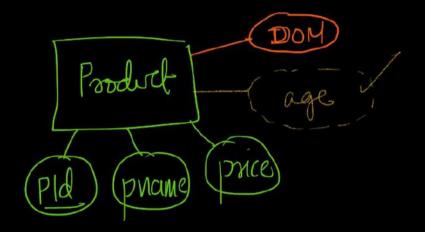
Caddy





Derived attribules

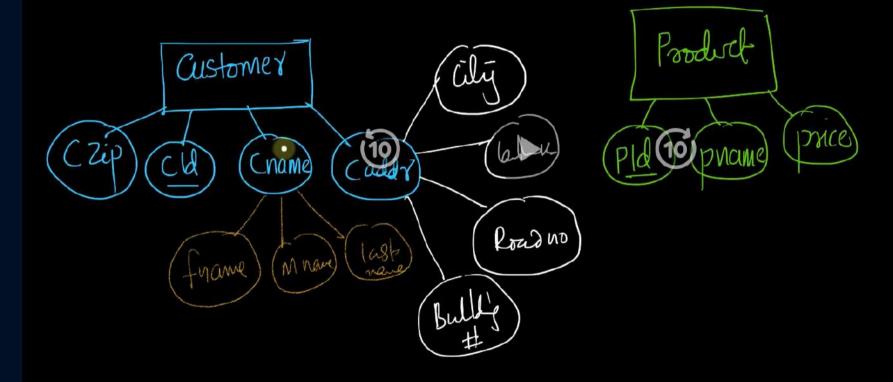




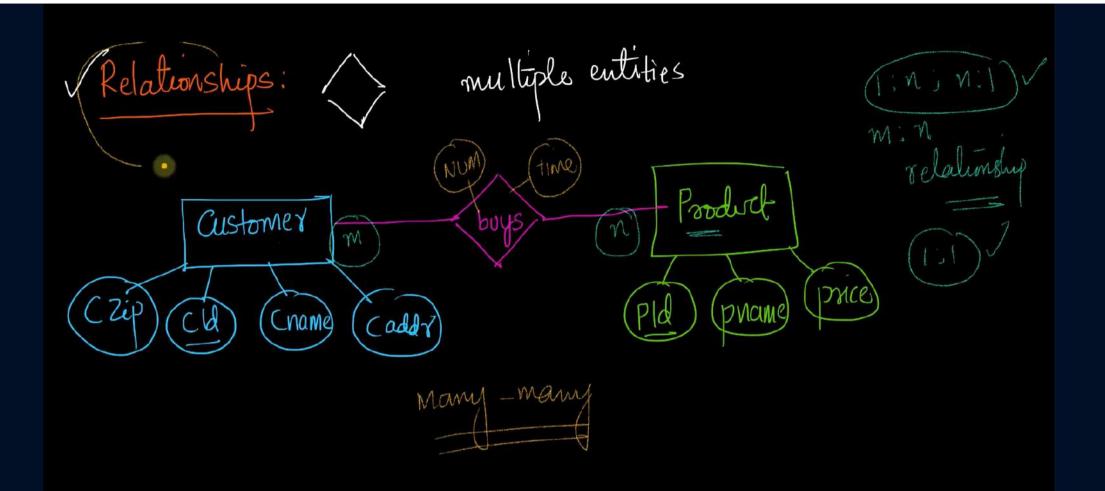


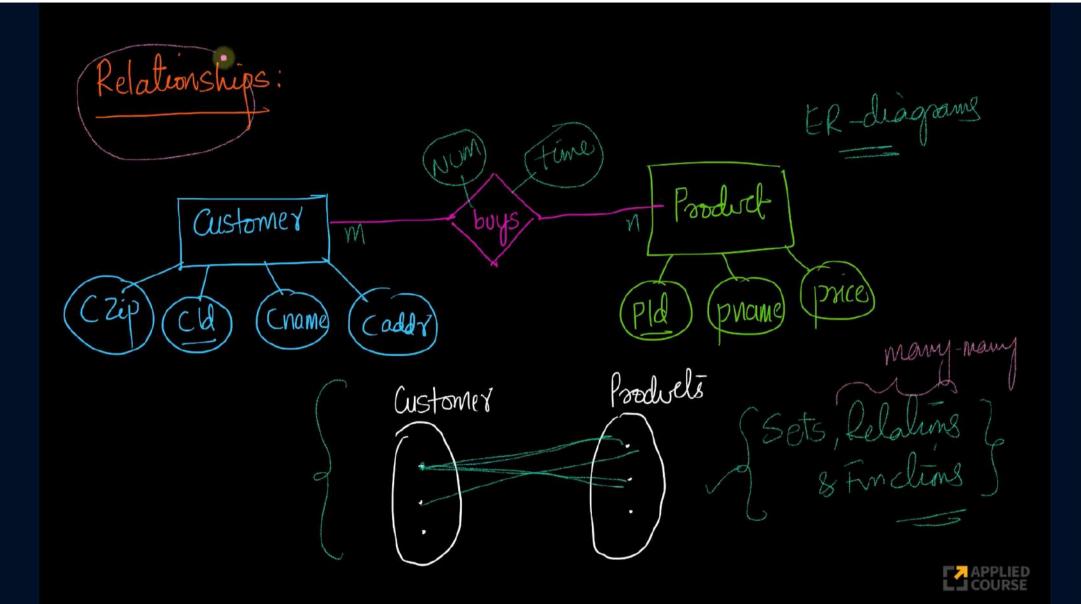


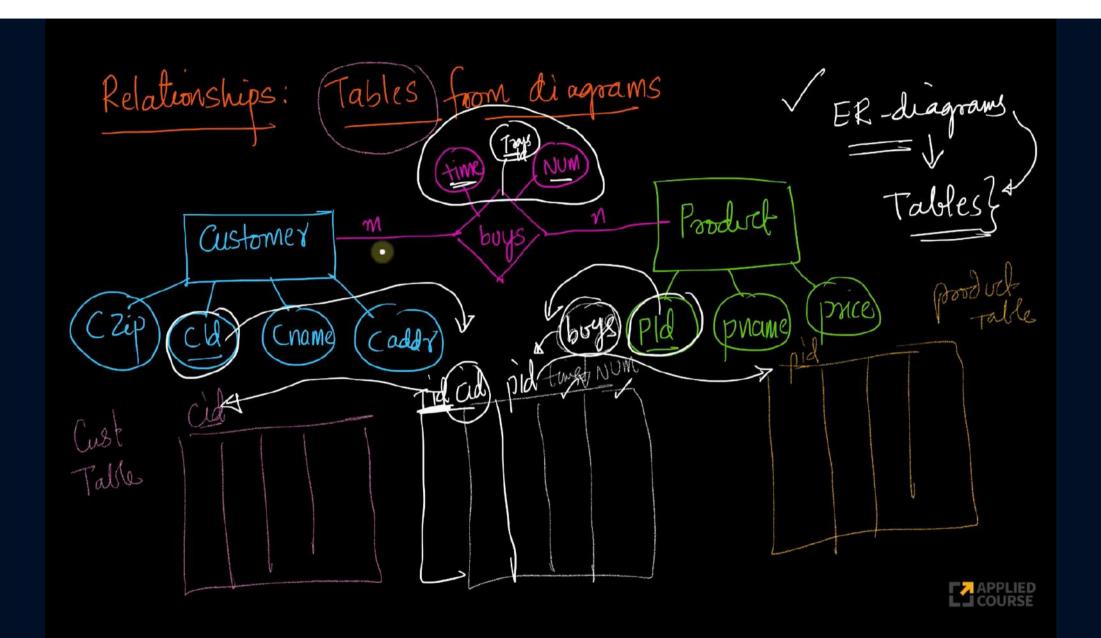
Compound attribules

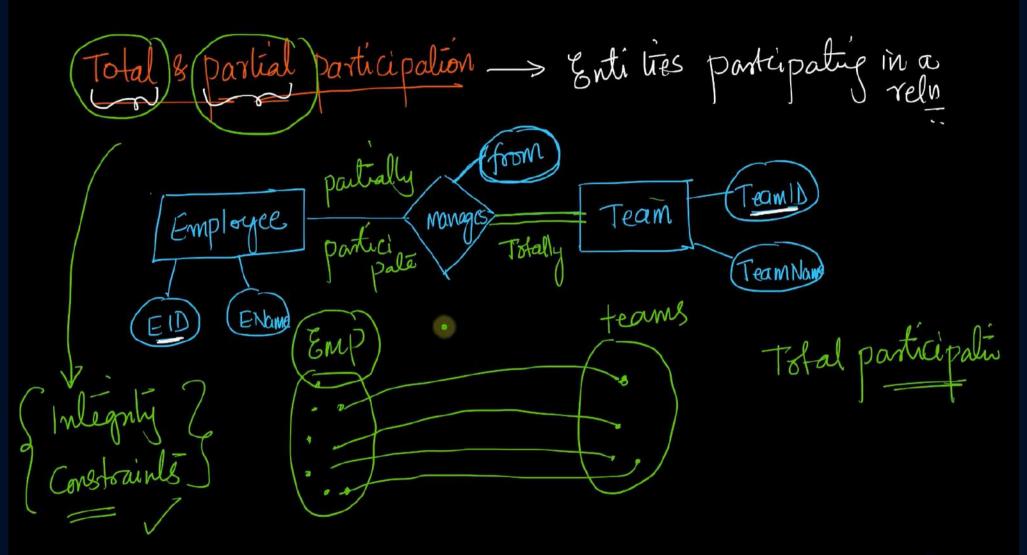








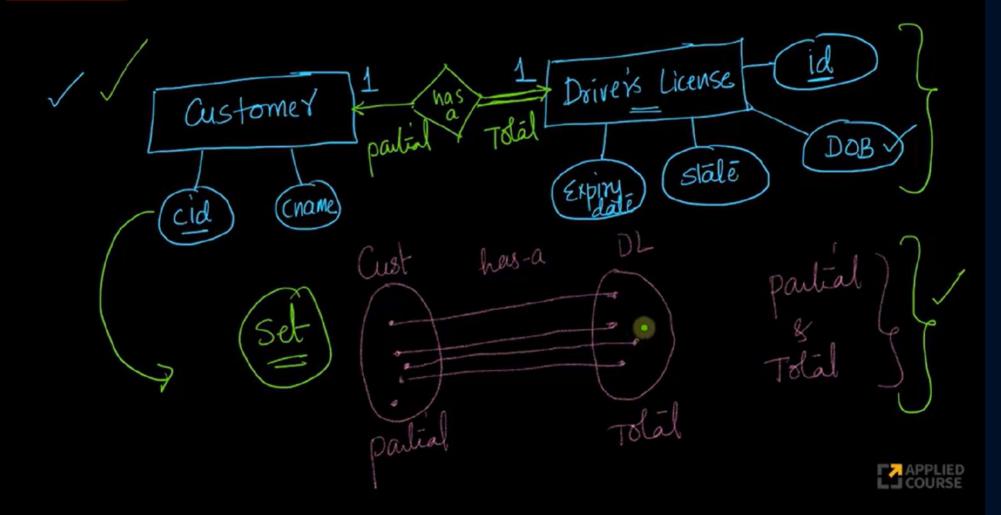


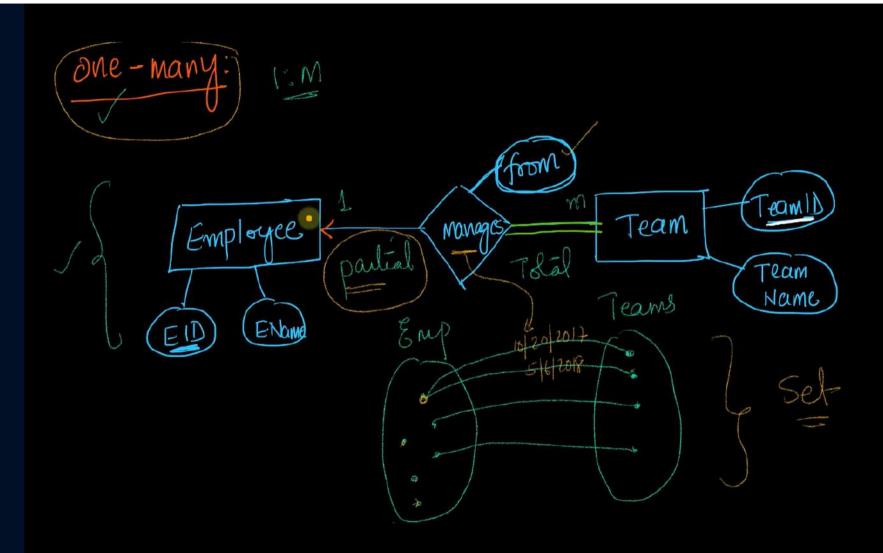


APPLIED COURSE

/ Cardinality of Relationships One-one -> Sels & Relations -> diagrams many-one J many - Mary -> Cust - buys - product-

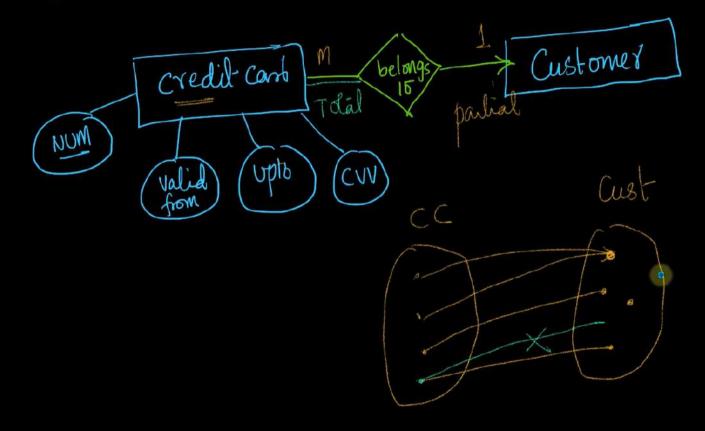
One-one:





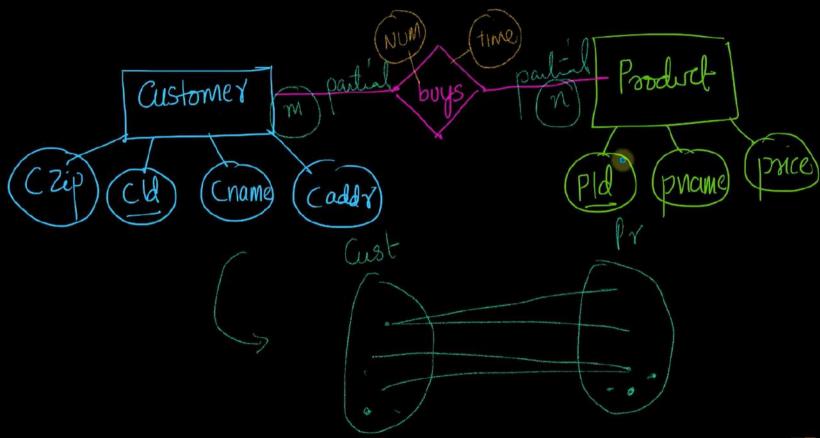


Many-one





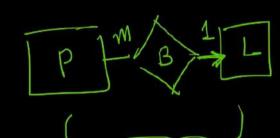
many - Many

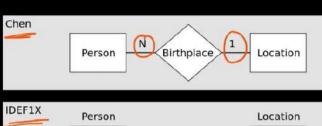


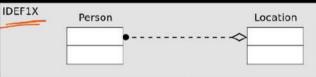
APPLIED COURSE

Alternatives conventions:

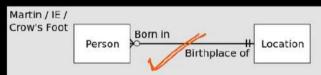
opular many-one







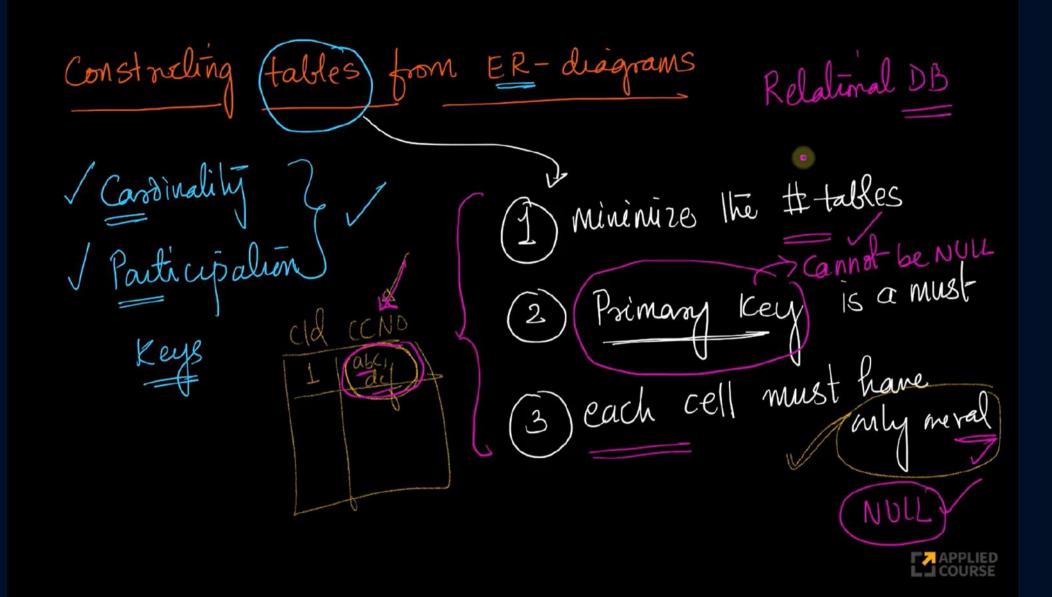






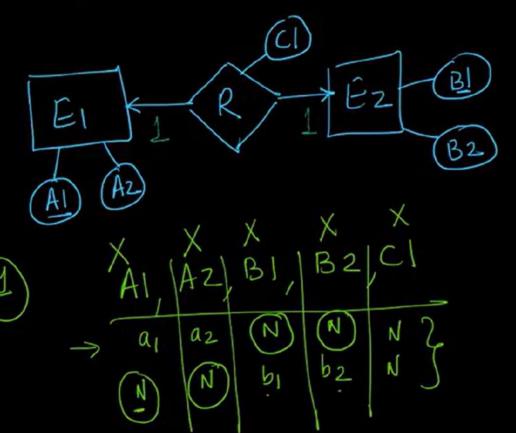


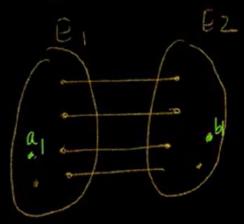




One-one + partial-partial

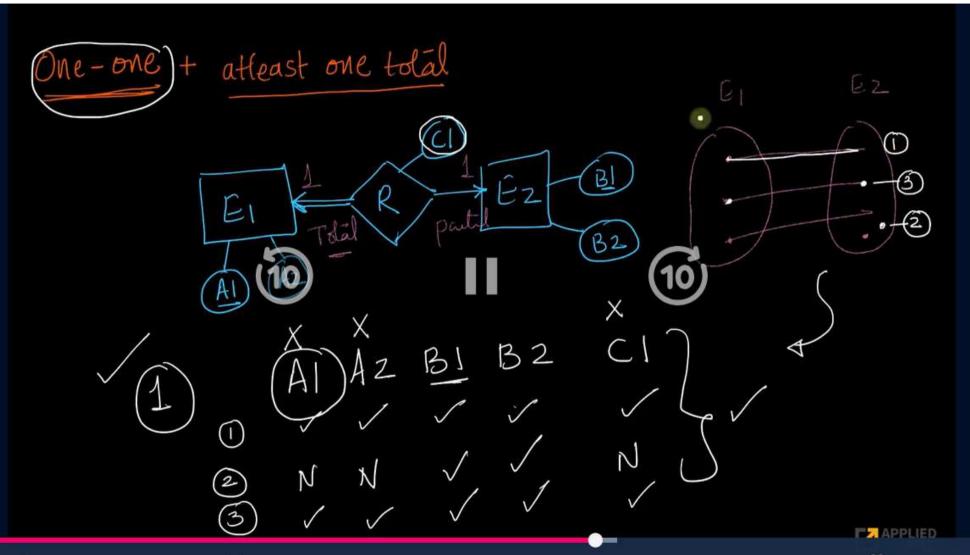
min # tables





One-one + partial-partial 63 BI EI B2 2 B2 BI A2 C3 63 an N N a2

APPLIED



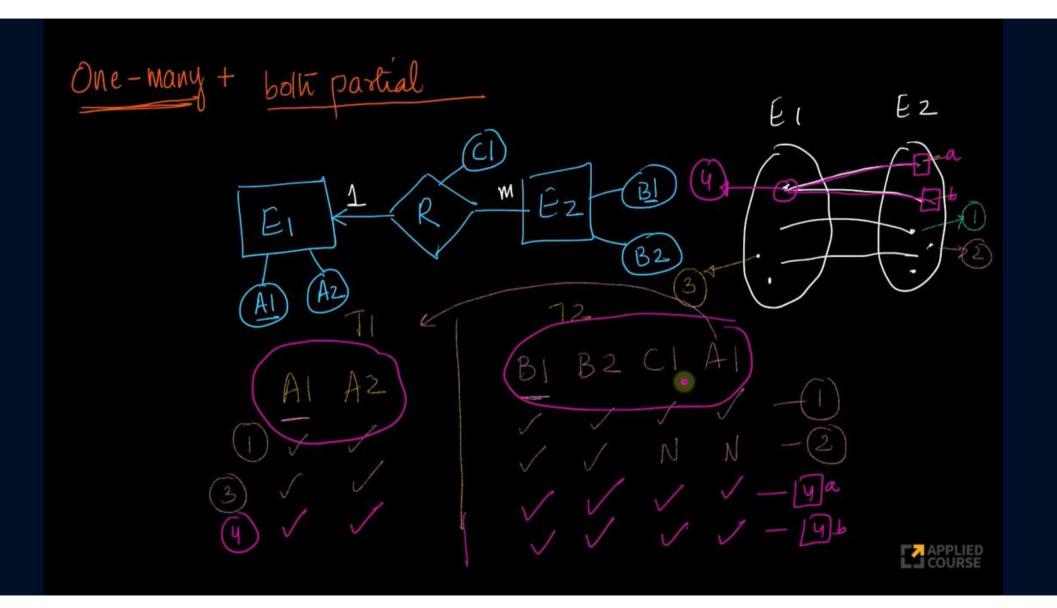
П **(**) 35:40 / 59:19

Autoplay 0

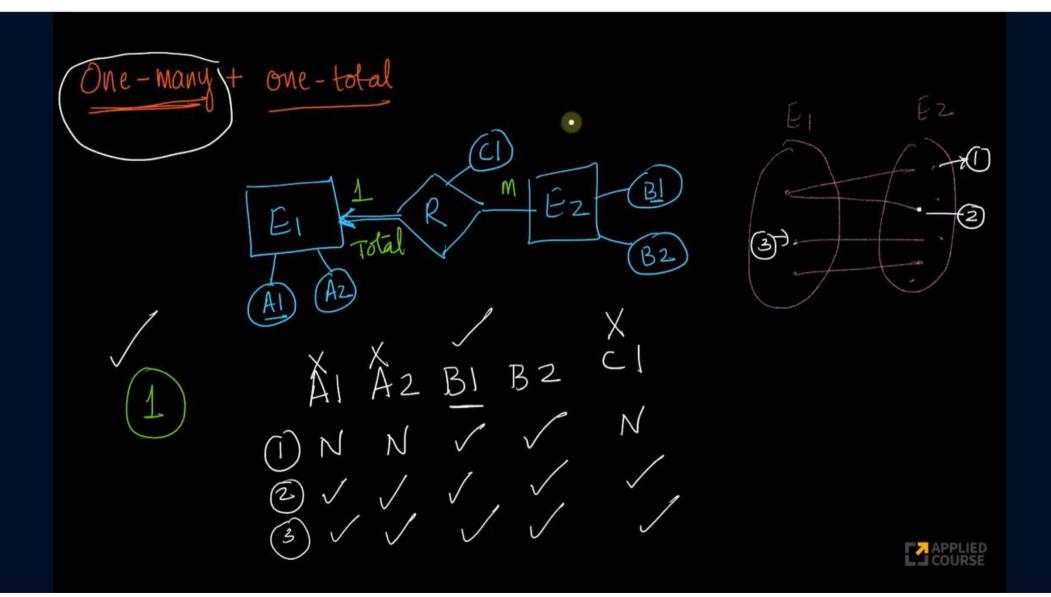




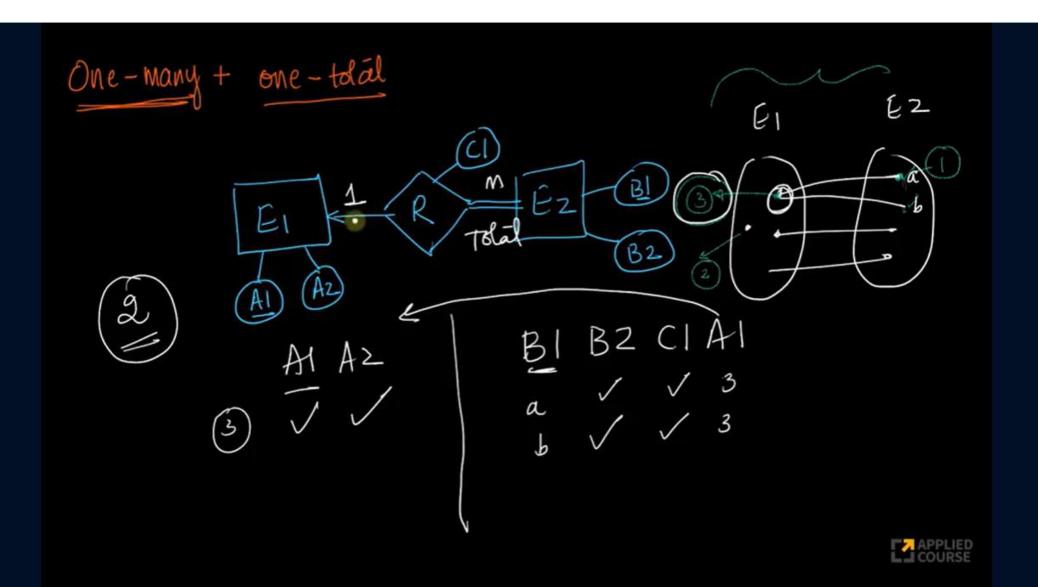
both partial One-many + E2 EI BI M EI B2 APPLIED COURSE



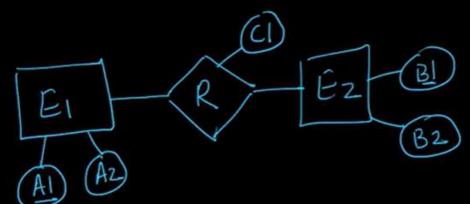
both partial One-many + W EI B2 B2 AZ c,c1 X (a15) APPLIED COURSE

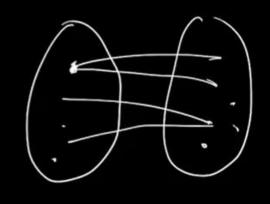


One-many + one-total £2 61 M BI EI Total B2 2 APPLIED COURSE

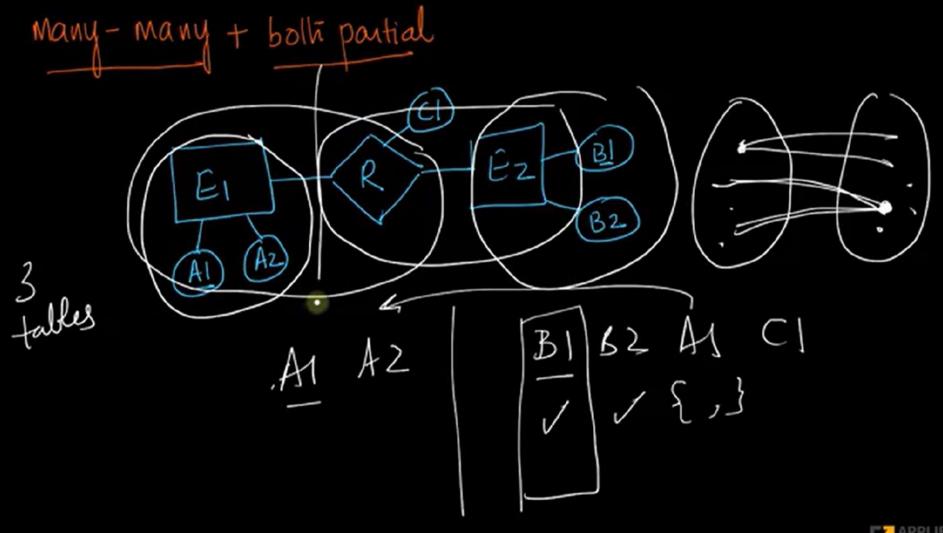


Many-many + bolli partial







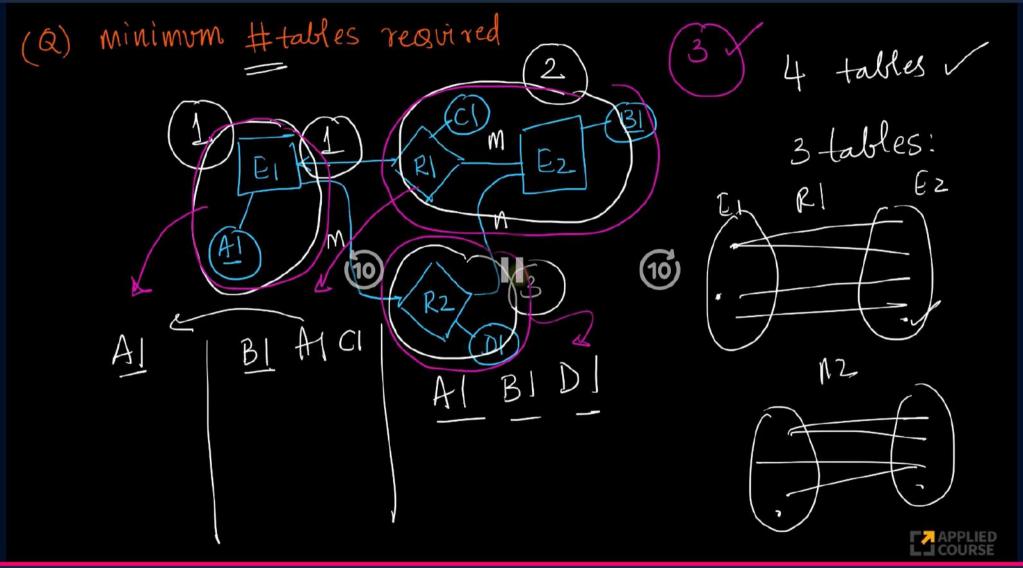


APPLIED COURSE

Many-many + one-Total

COUNTRY

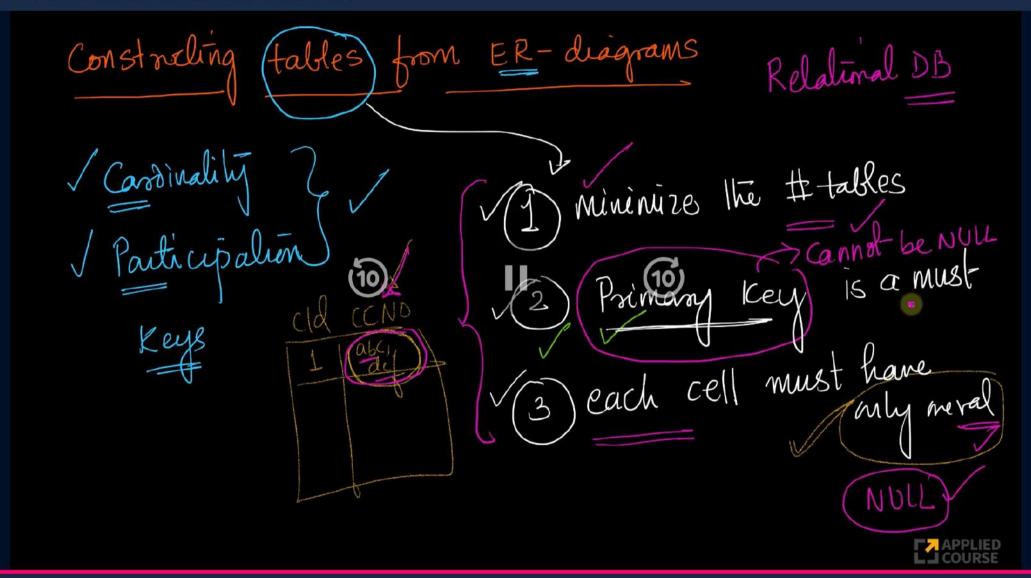
Many-many + one-Total EI B2 BI BZ CIAI V E.3 E.3 X



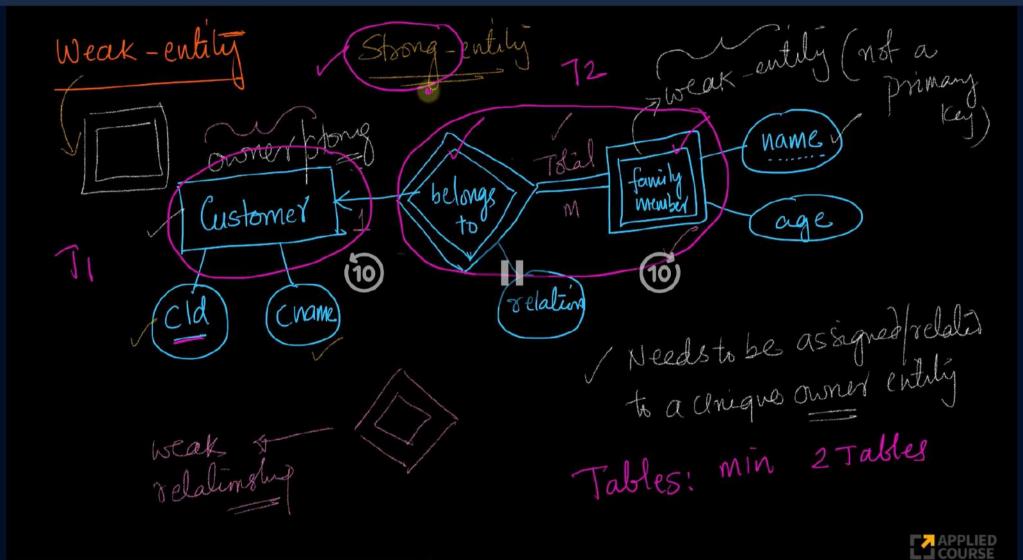




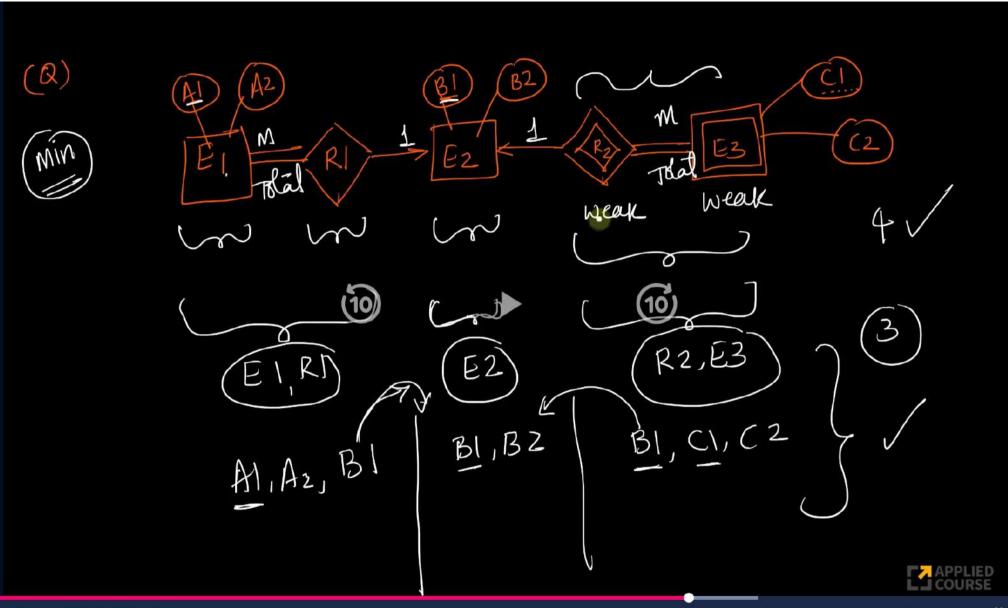


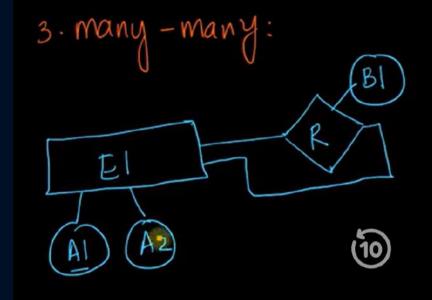






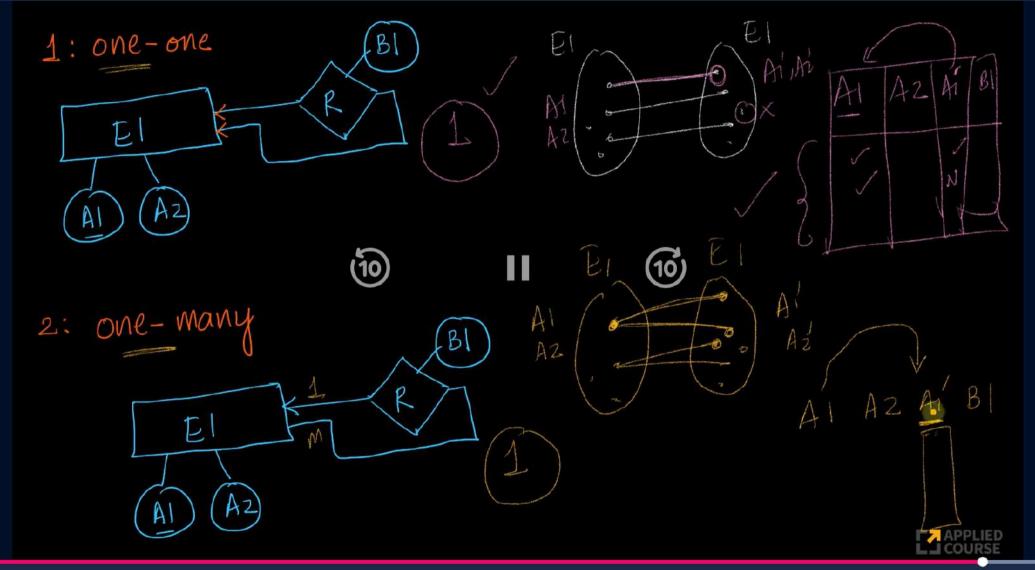
П

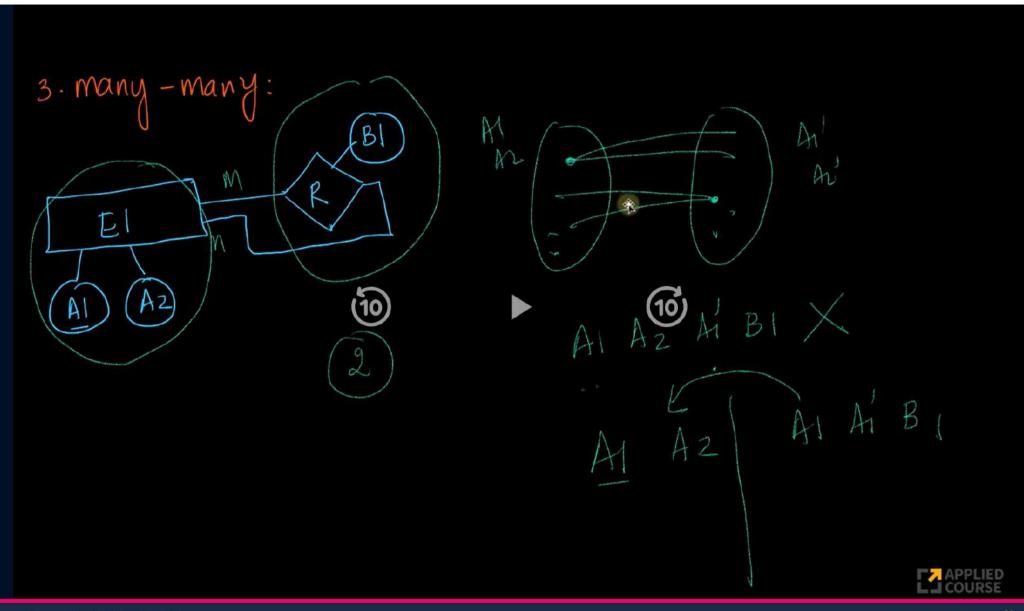














In an Entity-Relationship (ER) model, suppose R is a many-to-one relationship from entity set E1 to entity set E2. Assume that E1 and E2 participate totally in R and that the cardinality of E1 is greater than the cardinality of E2.

Which one of the following is true about R?

A. Every entity in E1 is associated with exactly one entity in E2.

K. Some entity in E1 is associated with more than one entity in E2.

Every entity in E2 is associated with exactly one entity in E1.

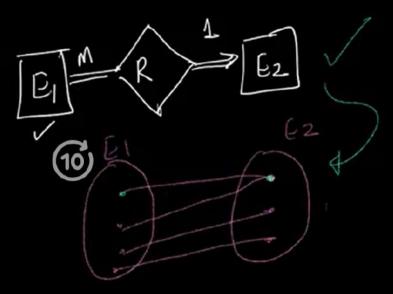
d. Every entity in E2 is associated with at most one entity in E1.



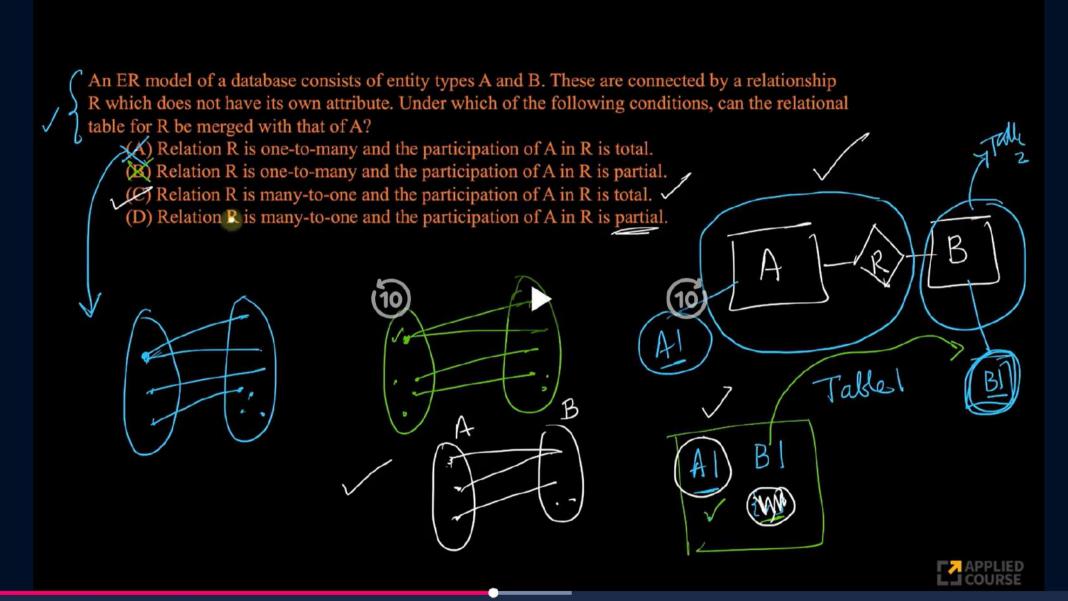












7:48 / 16:59

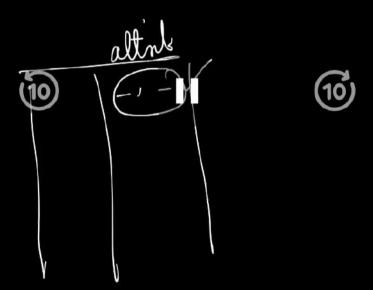
-> cocdit-comb Given the basic ER and relational models, which of the following is INCORRECT?

(A) An attribute of an entity can have more than one value -

(B) An attribute of an entity can be composite \square

(D) In a row of a relational table, an attribute can have more than one value.

(D) In a row of a relational table, an attribute can have exactly one value or a NULL value

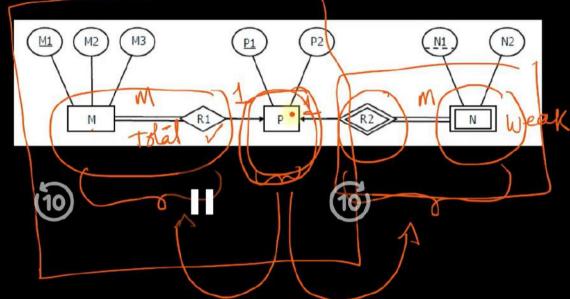




The minimum number of tables needed to represent M, N, P,

R1, R2 is

(A) 2 (B) 3/





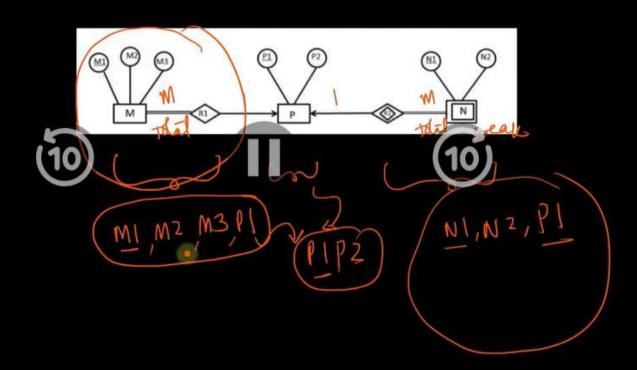




Consider the following ER diagram

Which of the following is a correct attribute set for one of the tables for the minimum number of tables needed to represent M, N, P, R1, R2?

1.M1,M2,M3,P1 2.M1,P1,N1,N2 3.M1,P1,N1 4.M1,P1







П

Consider the entities 'hotel room', and 'person' with a many to many relationship 'lodging' as shown below If we wish to store information about the rent payment to be made by person (s) occupying different hotel rooms, then this information should appear as an attribute of

- 1. Person
- 2. Hotel Room
- 3. Lodging
- 4. None of these







