

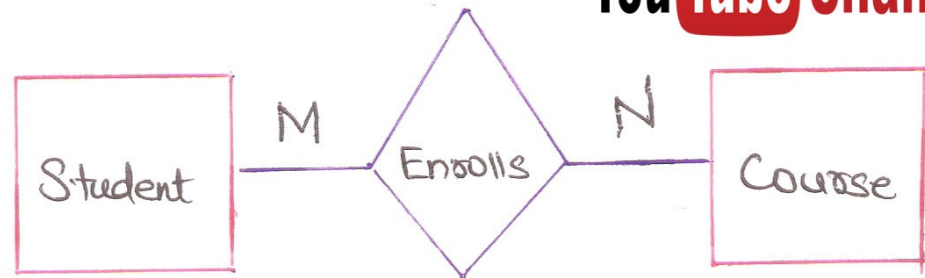
Converting Relationship of Cardinality (M:N)

- A new table is created in this type of cardinality to represent the relationship.

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M:N



- It has to contain two Foreign Keys - One from each of the participants in the Relationship.
- The primary key of the new table is the combination of the two foreign keys.



Student (S_id#, Title.....)

Course (C_id#, C-Name)

Enrolls (S_id#, C#)

In this table of course we have two foreign keys
i.e (Student code, Course id.)

Table Representation of Cardinality M:N.

CourseTable	
CourseID	PK
CourseName	
..	
:	
:	

StudentTable	
StudentID	
S-Name	
DOB	
Address	

Enrolls Table	
StudentCode	FK
CourseID	FK
DO Issue	
Status	
...	



In this 3 tables which are under Relationship with primary keys / foreign keys.

- CourseTable attribute CourseID (PK) is a foreign key for Enroll Tables of attribute CourseID
- StudentID of table Student is a foreign key for table Enroll for attribute Student Code