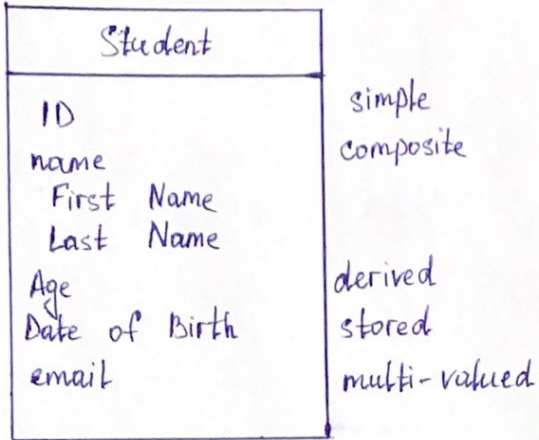


N1.

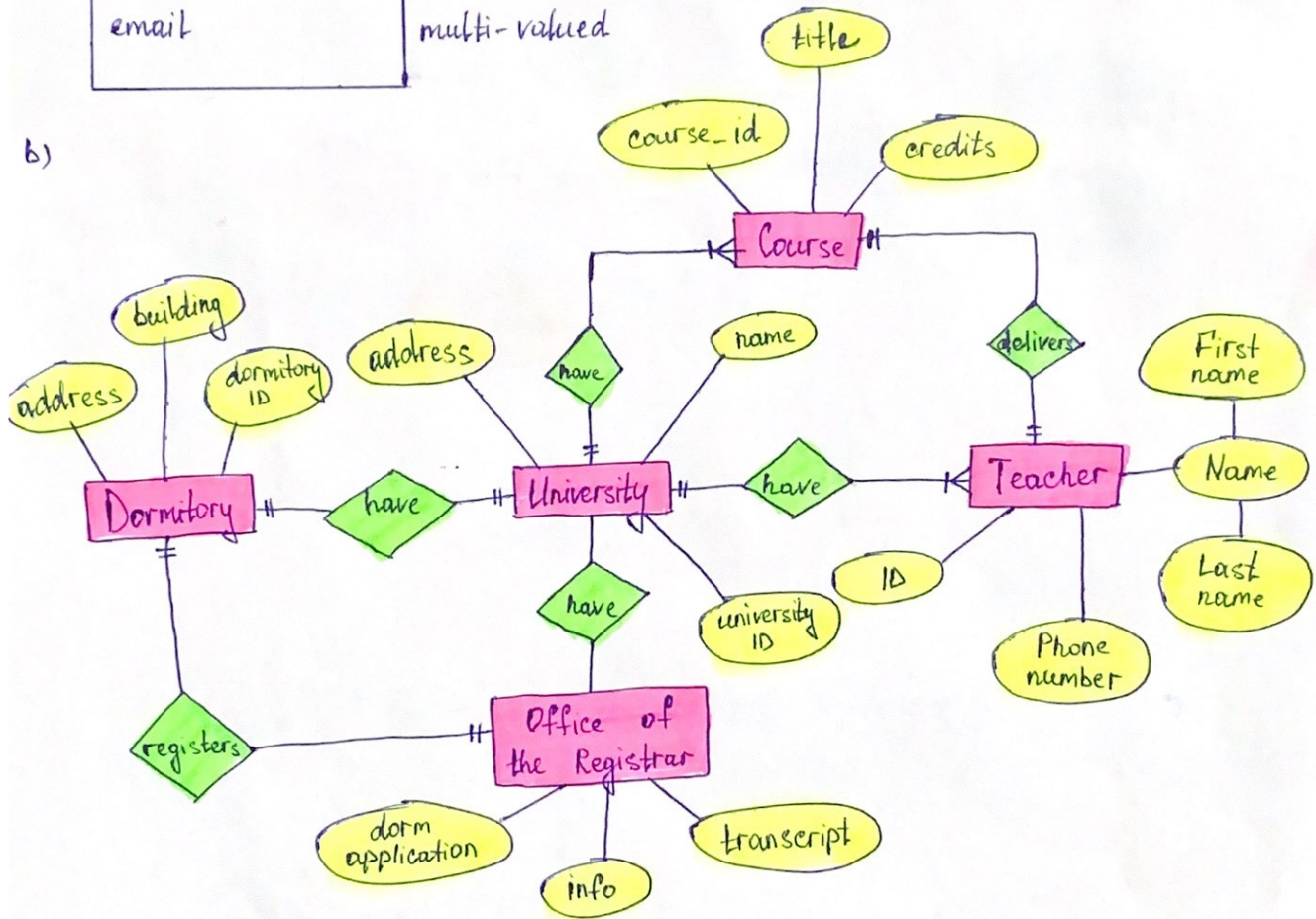
- a) Entity Identification → Relationship Identification → Cardinality Identification → Identify Attributes → Create ERD.
- b) ER Model stands for Entity Relationship Model is a high-level conceptual data model diagram.

N2

a)

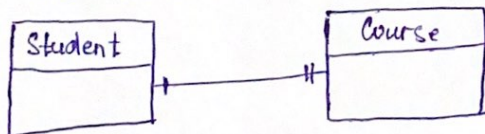


b)



N3.

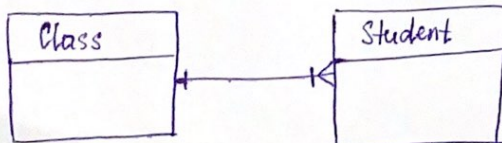
1) One-to-one



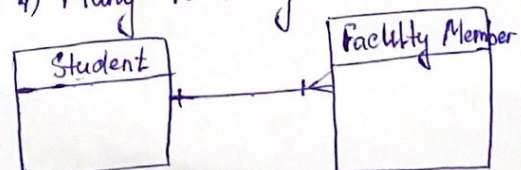
3) Many-to-one



2) One-to-many

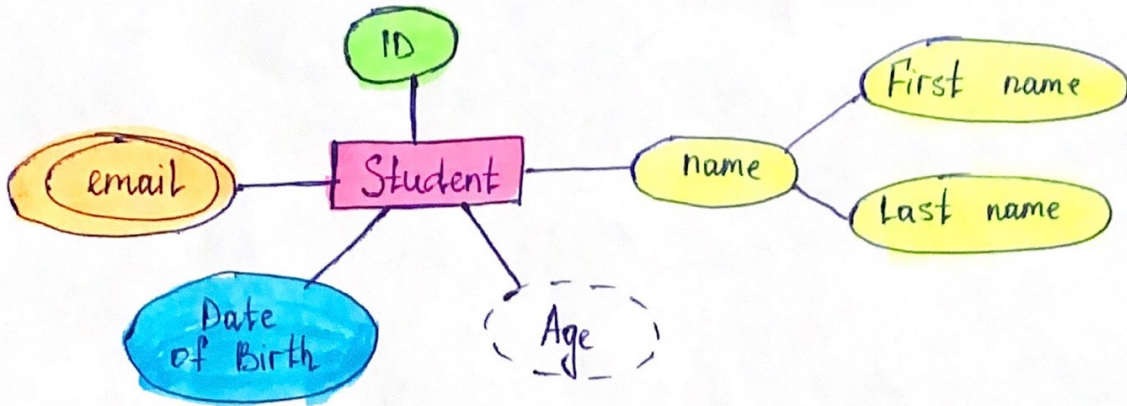


4) Many-to-many

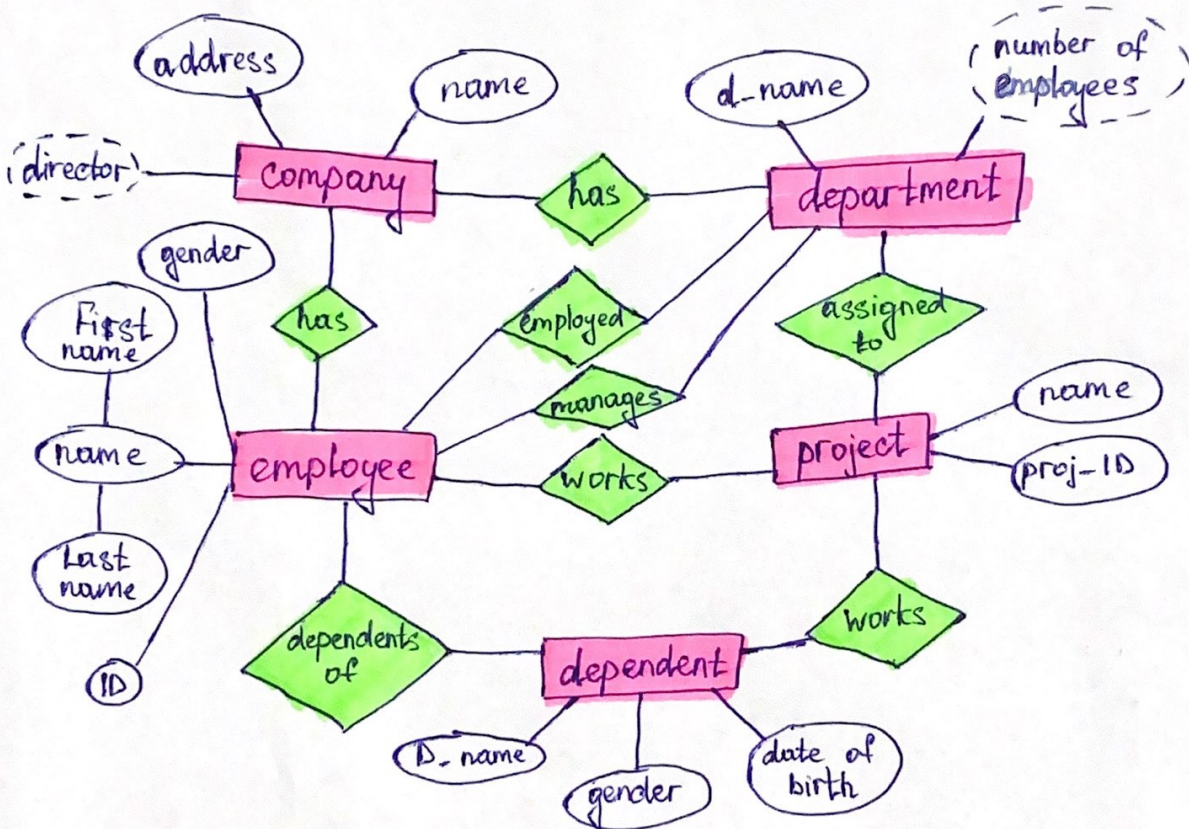




N4



N5



5 entities and 8 relations:)