

1. Find the Entity types

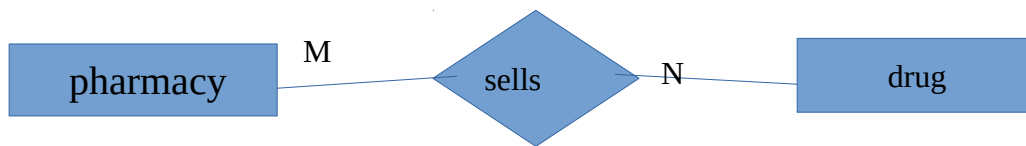
Patients (SSN, names, addresses, ages)

Doctors (SSN, name, years of experience)

pharmacy (name, address ,phone number)

drug (name, formula)

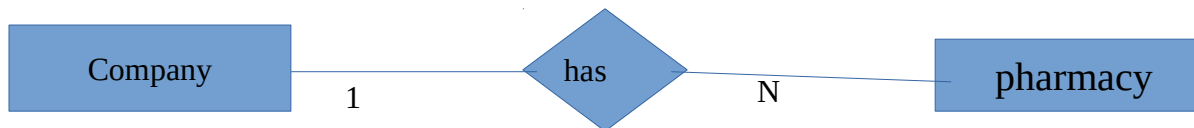
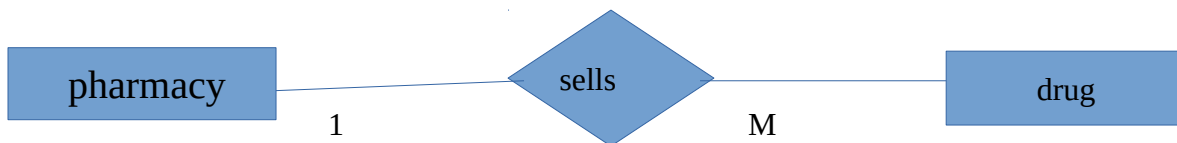
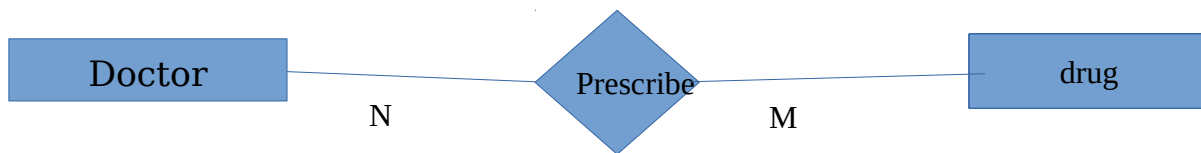
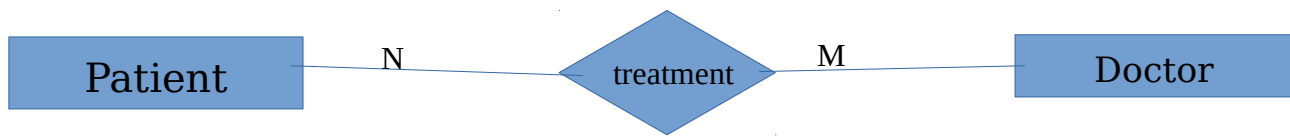
4. How would your design change if each drug must be sold at a fixed price by all the pharmacies?



5. How would your design change if the design requirements change as follows: If a doctor prescribes the same drug for the same patient more than once, several such prescriptions may have to be stored separately?

Every drugs has every Entity

2. Draw ER diagram to each relationship separately.



3. Draw a ER diagram that captures the above information.

