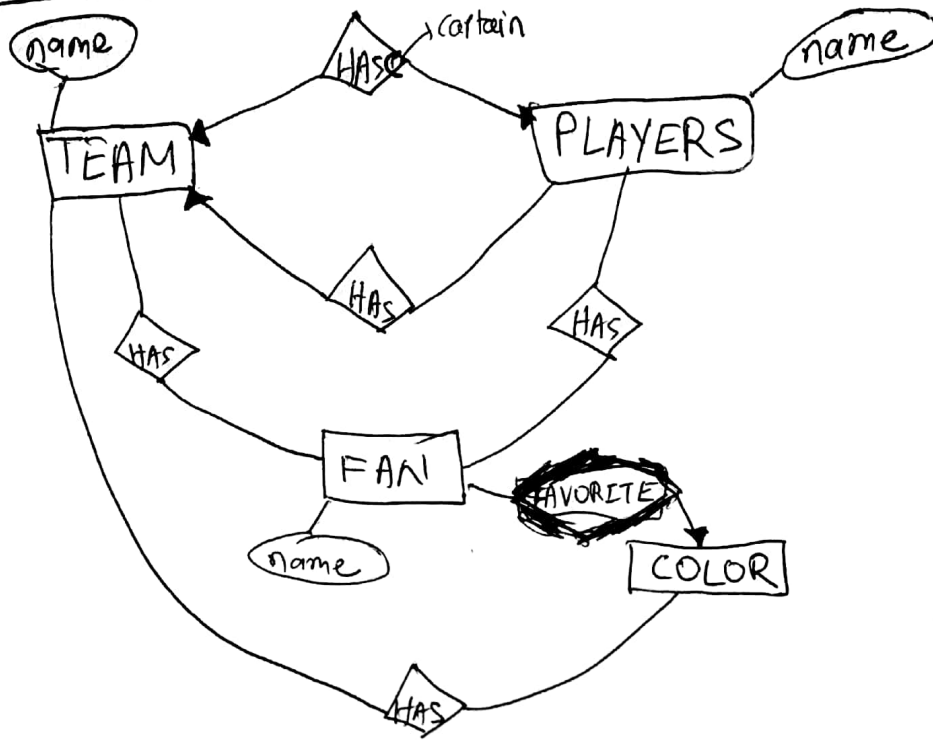
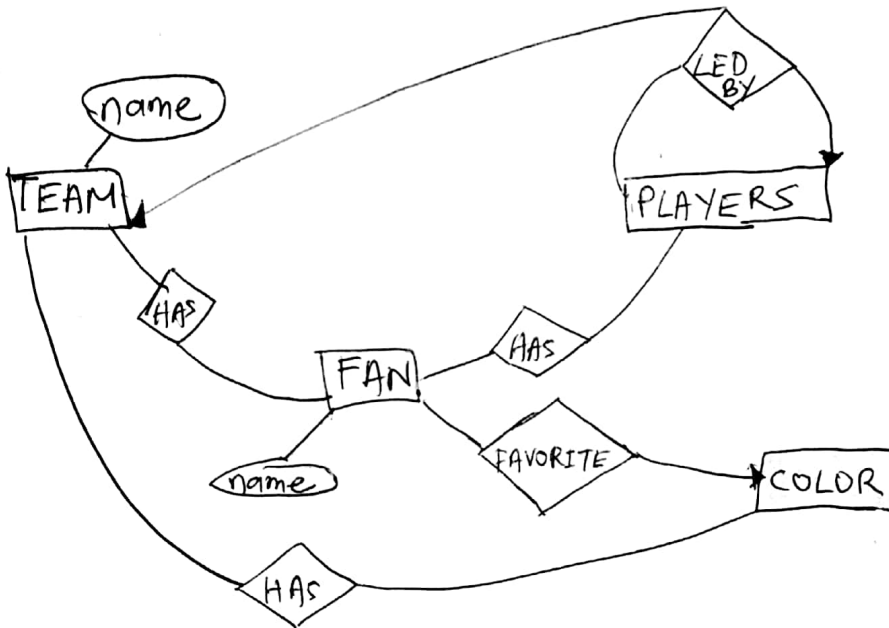


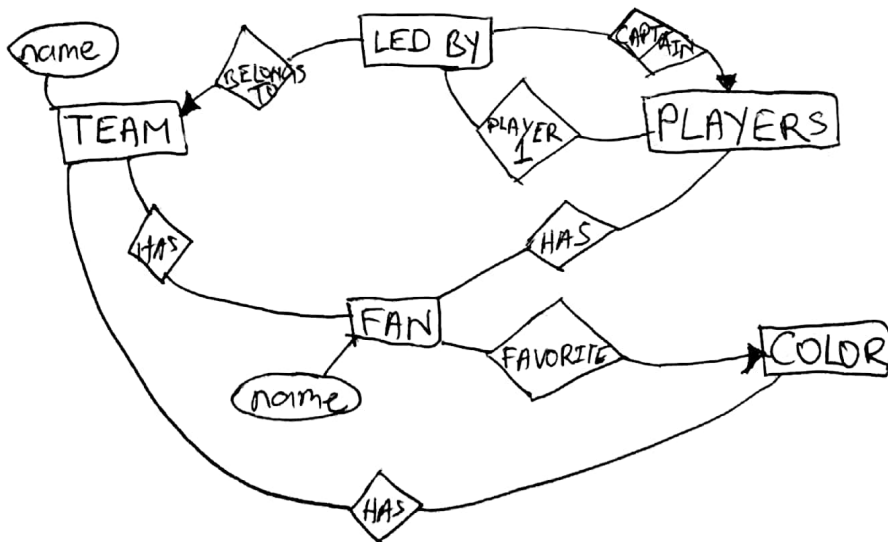
Assignment - 5 Entity - Relationship Modeling

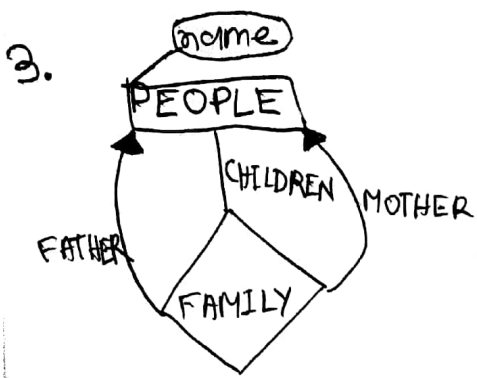


2. @



3)

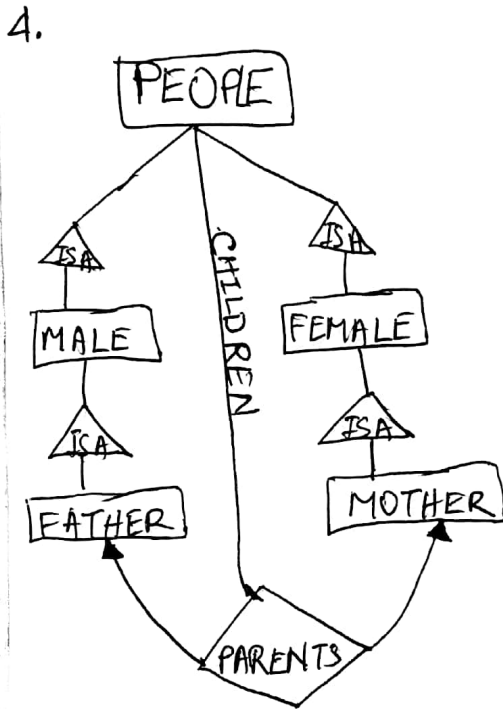




FAMILY FATHER PEOPLE - Many to One

FAMILY MOTHER PEOPLE - Many to One

FAMILY CHILDREN PEOPLE Many to Many



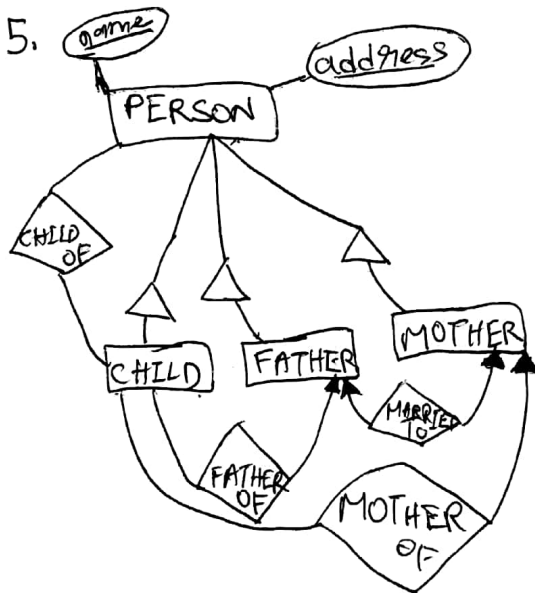
PEOPLE CHILDREN PARENTS

- MANY TO

PARENTS - FATHER - MANY (

Many to One

PARENTS - MOTHER - Many to One



@ ER METHOD :-

PERSON (name, address)

CHILD (name, address)

FATHER (name, address)

MOTHER (name, address)

FATHER OF (name, address, name, address)
(One to Many) From child From Father

MOTHER OF (name, address, name, address)
(One to Many) From child From Mother

CHILD OF (name, address, name, address)
(Many to Many) From child From People

MARRIED (name, address, name, address)
(One to One) From Father From Mother

⑥ Object Oriented Method:-

PERSON (name, address)

CHILD (name, address)

FATHER (name, address)

MOTHER (name, address)

FATHER OF (name, address, name, address)
(One to Many) From child From Father

MOTHER OF (name, address, name, address)
(One to Many) From child From Mother

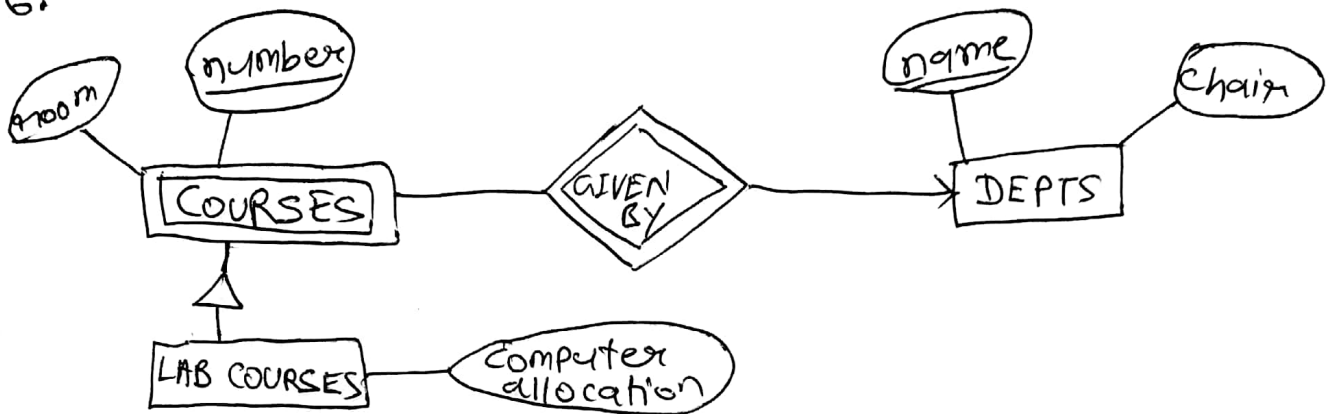
CHILD OF (name, address, name, address)
(Many to Many) From child From People

MARRIED (name, address, name, address)
(One to One) From Father From Mother

© Nulls Method:-

PERSON (name, address, name, address, name, address)
 Child's Father's
 name, address)
 Mother's

6.



② ER Method:-

DEPT (name, Chair)

COURSES (number, name, room)

LAB COURSES (name, number, COMPUTER ALLOCATION)
GIVEN BY (name, number, room, chair)

GIVEN BY (name, number, room, chair)

⑥ Object Oriented Method :-

DEPT (name, chair)

COURSES (name, number, room)

LAB COURSES (name, number, room, COMPUTER ALLOCATION)
GIVEN BY (name, number, room, chair)

GIVEN BY (name, number, room, chair)