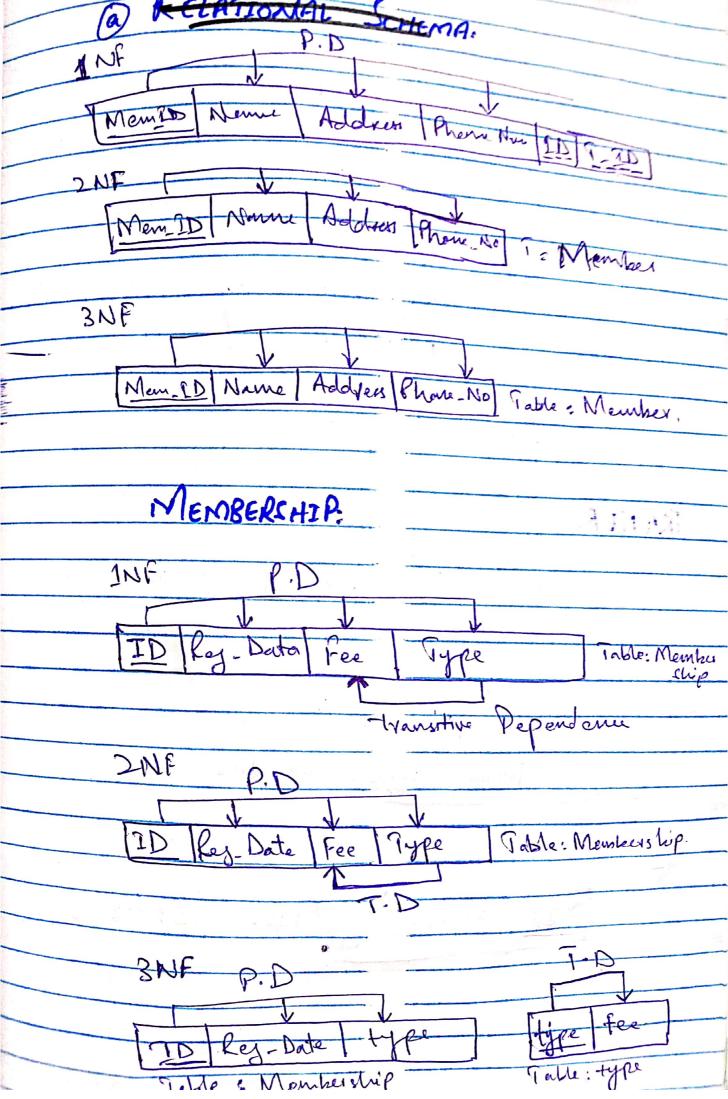
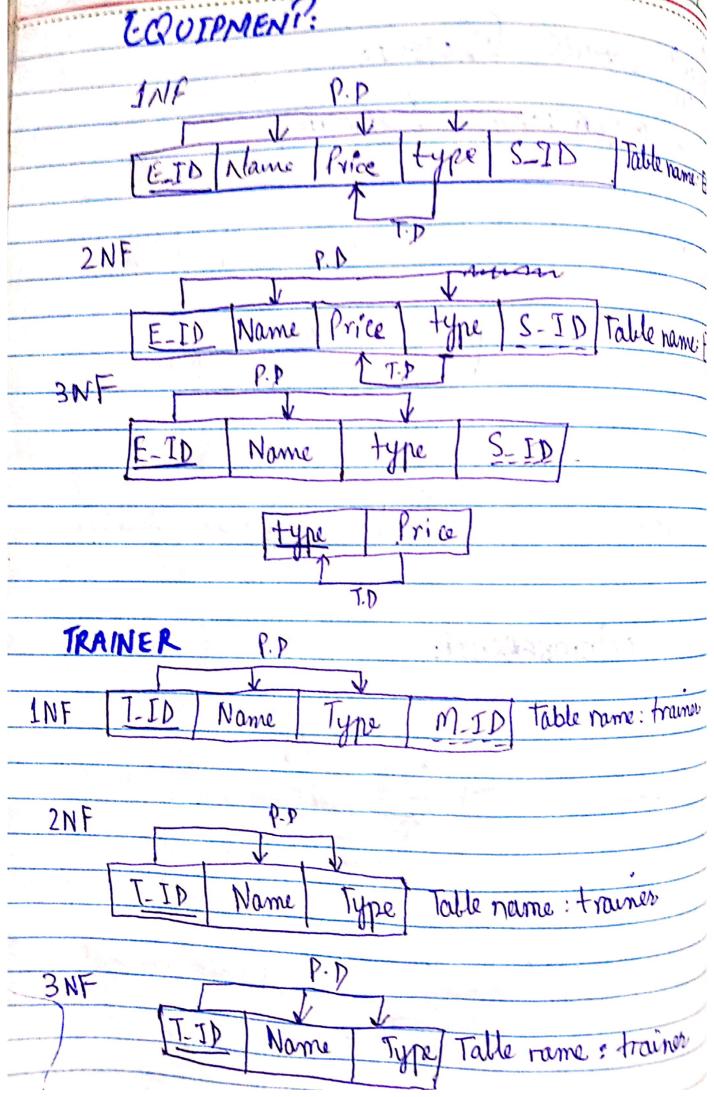
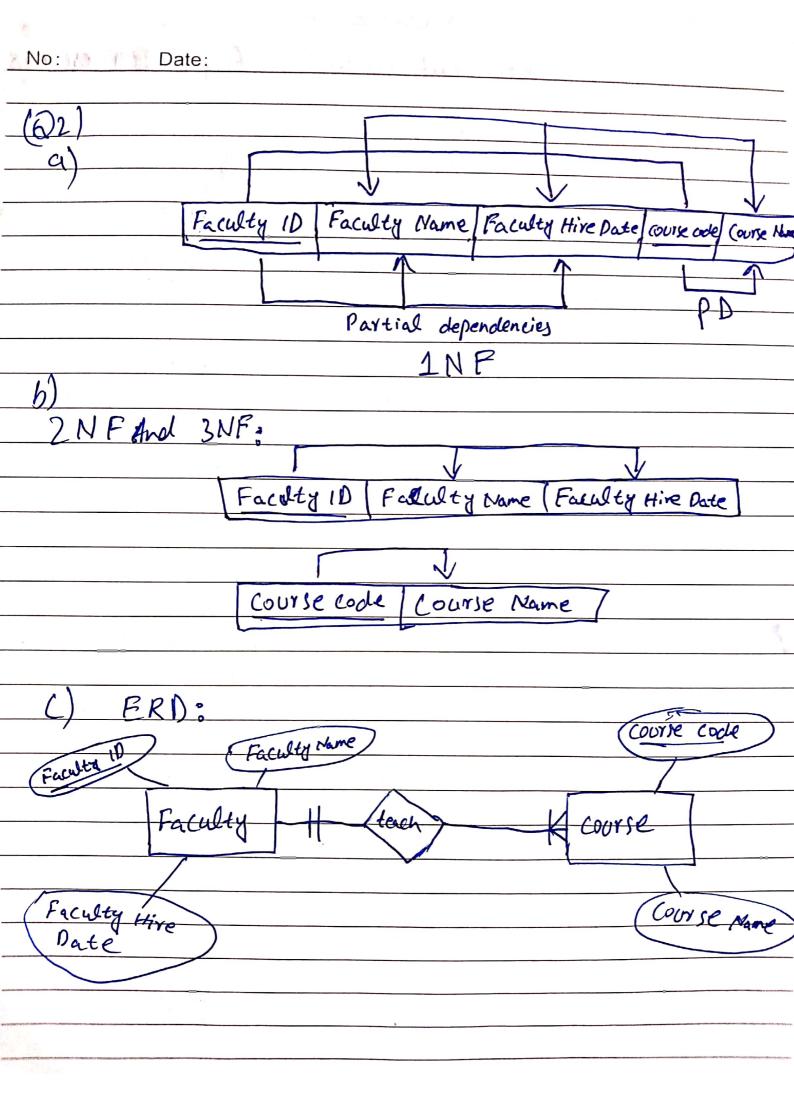


Day: MTWTFS Yvaineer. Name WID





Day: MTWTFS			Date://
Manager:	P.D	J	
	M-ID	Name	Table name: Manager
	p.p	7/	
2NF	M-ID	Name	Table name: Manager
3NF [	M_ID	Name	Table rame: Manager



(Qz)

PK Assignment:

Primary keys are assigned to each table. e.g: PROJ\_NUM, JOB\_CODE, ASSIGN\_NUM, EMP\_NUM are the primary keys or Project, JOB, ASSIGN and EMPLOYFF respectively

2. Naming Conventions:

Each attribute in the tables is properly named. e.g: PROJ\_Name, JOB\_CHG\_HOUR etc.

3. Attribute atomicity:

Each attribute is atomic and it can not have multiple values. e.g. JOB Description can consist out only one job. and Employee have is subdivide into L. Name, F. Name for atomicity.

Adding Attlibutes.

some attributes are added to prevent Joss out information. e.g. EMP\_NUM is added to the PROJECT table

Adding Relationships: 5

The primary keys our some tables are added as foreign keys in other tables to show that they have some Kind or relationship.

_No: Date:
6. Refining PKs:
If we have a composite primary key, we
can refine it to make processing easy.
e.g:- On slide 26, ASSICTN has a composite
primary key consisting our EMP_NUM and
PROJ_NUM, wit is refined to ASSICTN_NUM
on slide 32.
7. Using Derived attributes:
In Normalized form, we removed
derived attributes but in the completed
database we add it again.
(QY)
They was the sea made to be produced.
(Aug) Slide 9 has BCNF dependancy meaning
that a primary key depends upon
a simple attribute. BCNF dependancy
is removed by making a seperate
table where the simple attributes become
at the primary key and primary key 5
acts as a simple attribute.
The difference b/w partial dependancy
1 PCNIS do a langue in that An
and BCNF dependancy is that In
partial dependancy, a non-key attribute
depends on a key attribute while
in BCNF dependancy, a key allinounce
depends on a non-key attribute.
,

No: Date:
(Q5)
(Any) On slide 17 PROJECT is in 3NF
but EMPLOYEE has a transitive
dependency b/W JOB_DESCRIPTION and
JOB_CHICA HOUR. To remove this, we
will create another table where
JOB_DESCRIPTION and JOB_CHC7_HOUR
will be the attributes and JOB_CODE
will be its key attribute. To prevent
loss or information, JOB_CODE is
included in BMPLOYEE table. And
EMP_NUM is included in PROJECT
table. To properly incorporate PROJECT and EMPLOYIEB relationship, ASSICANMENT
and EMPLOYIEB relationship, HSSICANMENT
associative entity must be defined.
JOB CONE OF PROJECT
EMPLOYEE
PROJ NUM
and a NUM
TO INITIAL)
JOB-DESCRIPTION ASSICTAL NUM Date
The state of the s
JOB /

20 PM

(JOB\_CHG-1400B)