3 type of Normalizations are INF, 2NF, 3NF

1NF: (1) Only one primary key

- (11) No multivalued attribute
- (111) Same column types (v) Order of now & columns don't matter

for 'Department' table:

-> Department_id is the primary key

Columns are Department_Name, Manager_id & Location_id Here is no maltivaluad exists & column type are same.

2NF: (1) The table is in € 1NF form

(11) No pantial dependency

for 'Department table'

the table is alrowady in ANF forom means and proimary key

Pantial dependency: one non prime attribute is dependent on a prime attribute

-> Department_name is dependent on Department_id

3NF: (1) It should be see in 2NF

(11) There should not be any transadive dependency

Transative dependency: if one non proime other bute is dependent on another non prime othribute

In department table there is no transative dependency

for 'topon (mont' table: for forming est is the formal organi-Columns and Department Home, Manageria & Location id one say mucho is ities be aborthour on a sast

> Some. monof that e mi el older but no saus

Fonobasque lon my on (11)

· older transport and corpore many 404 in theory of state out-

For Lucinia as to sold

Statement of the second of the