

What is OLAP?

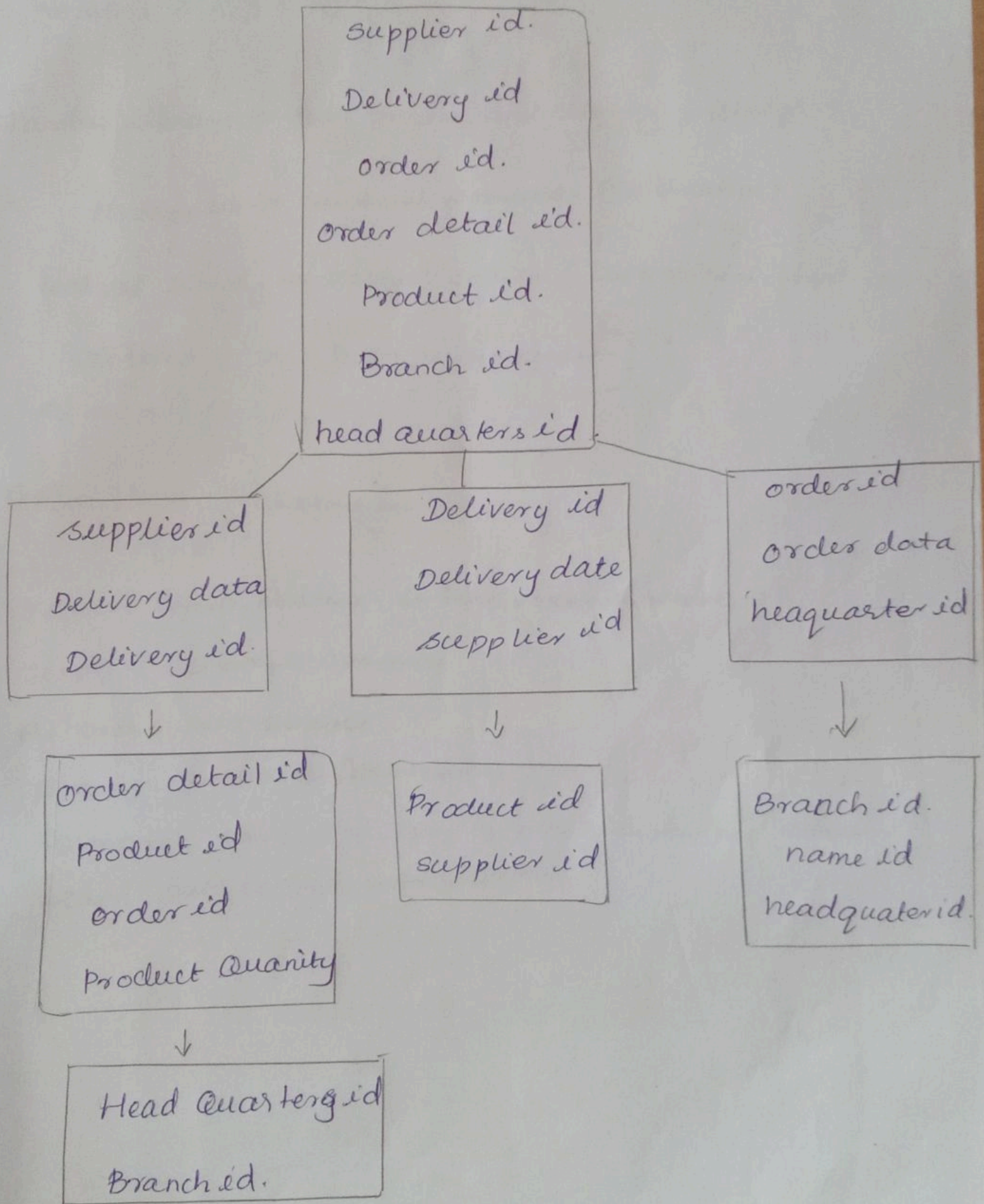
OLAP - Online Analytical processing refers to tools and systems designed for Analyzing large amounts of data from multiple perspective. It used for complex queries and reporting, typically for business intelligence.

What is OLAP?

OLAP - online Transaction processing Refer to ~~pos~~ systems that manage transaction oriented task like order entry or financial transaction, its designed for fast query processing and maintaining data integrity in data bases.

What is Schema?

A datawarehouse schema is the structure that defined how data is organized and stored in a data warehouse it outlines the relationship between different table.





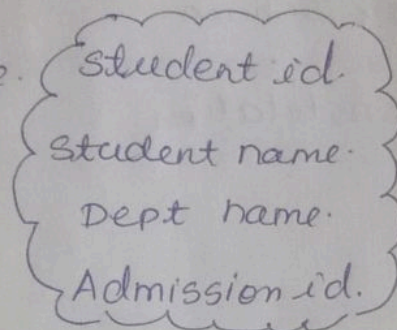
i) Star Schema:

The categories in the fact table around the dimension table are referred to as a star schema.

H/W Student database.

Star Schema.

Fact table.



Dimension table.

Student-id.

Student initial.

Student Surname.



Admission-id.

Student id



Student name → student name

Dept - name.

Adm - id

(Fact table)



Dept name.



## Assignment-3

### a) Schema type:

- \* Star schema.
- \* Snowflake schema.
- \* Fact constellation.

### b) Fact table:

(eg)

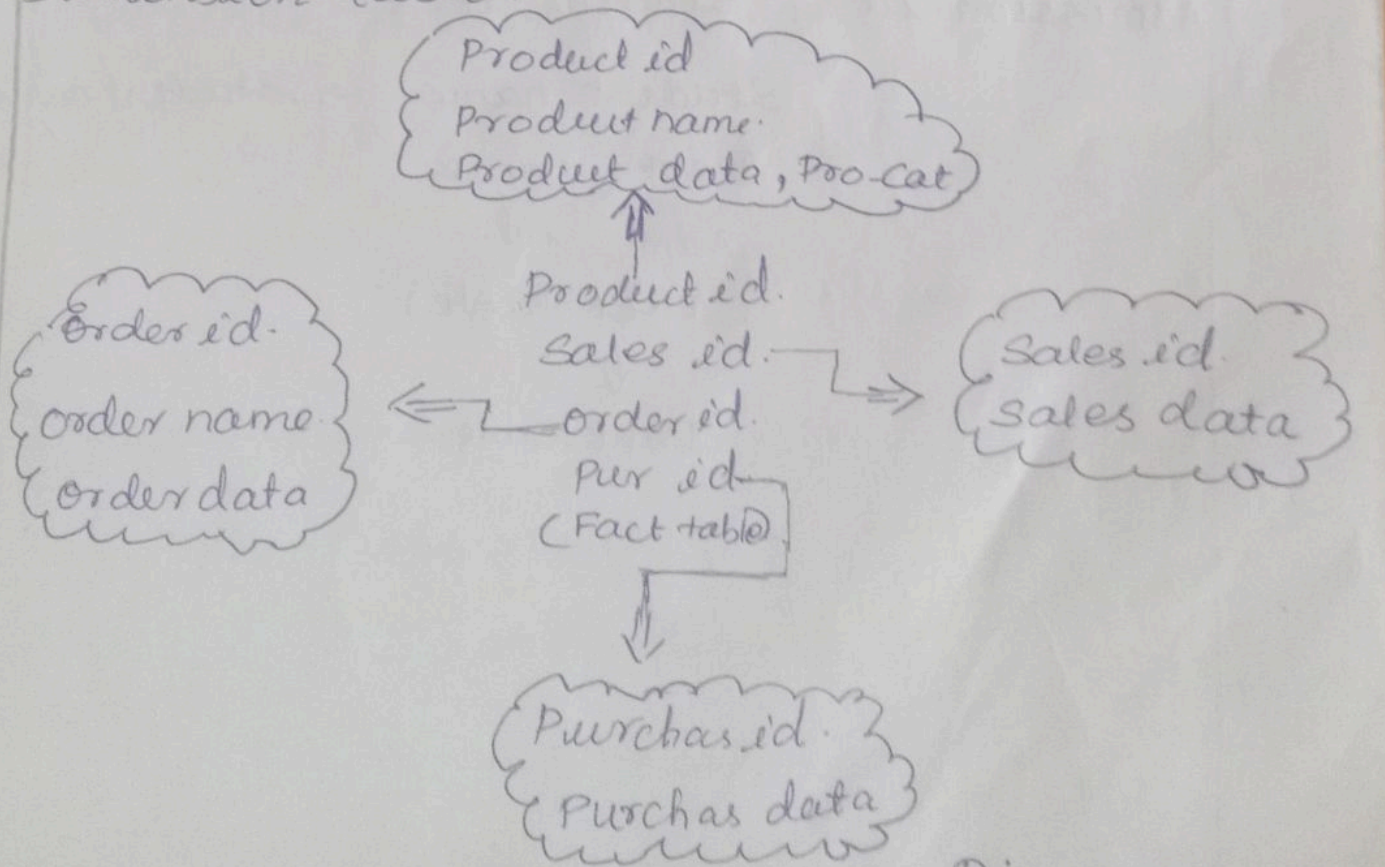
Product id.

Sales id.

Order id.

Pur id.

Dimension table.



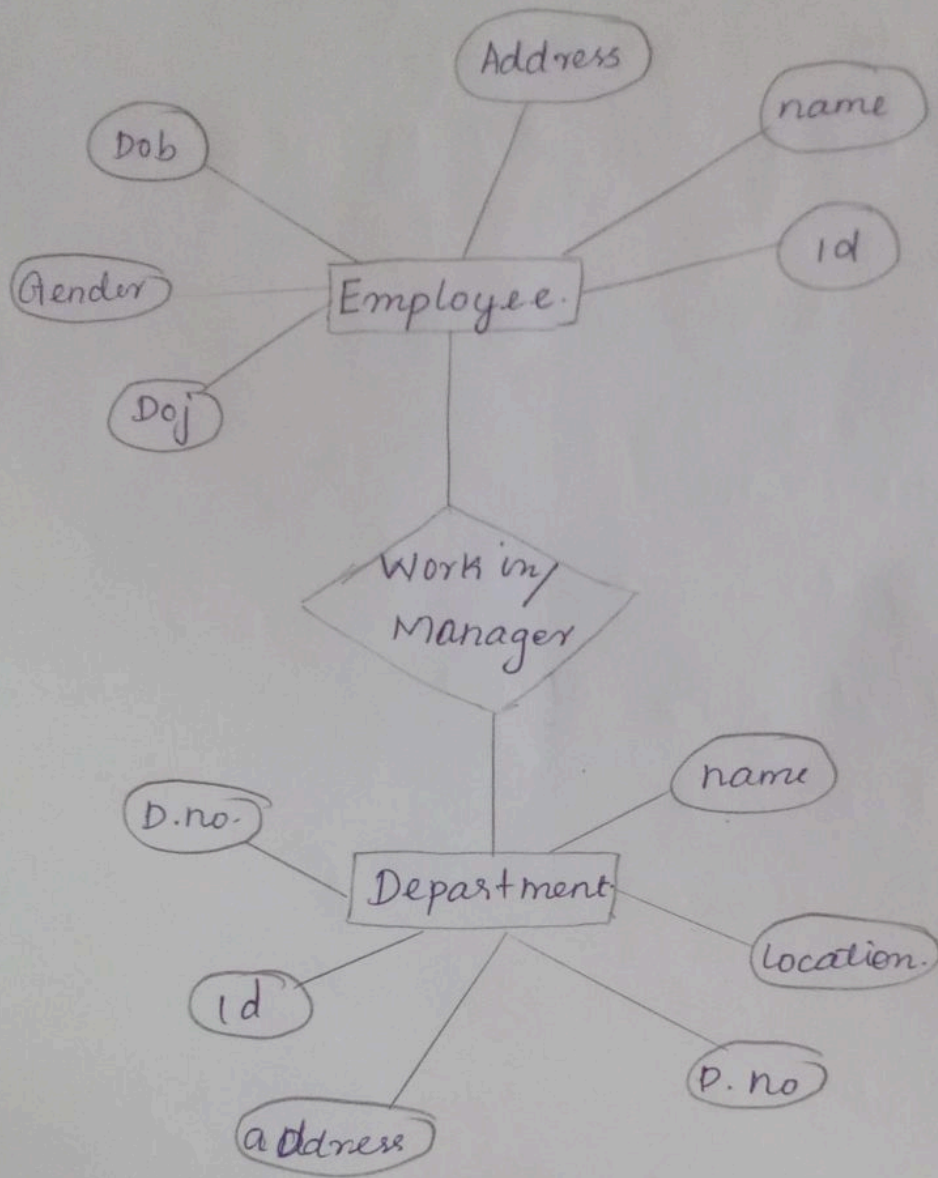
Dimension table



ERWIN DIAGRAM

Assignment  
11

a)



b)

