Now user I gives privilages to user 2 with GRANT OPTION so that user 2 can deligate privilages suthur. GRANT INSERT ON sample customer to 'usra' @localhost' WITH GRANT OPTION; • If there are multilevel privilages granted, A->B->C Then revoking privilages from user B disa may Then here we use 'RESTRICT' keword with the REVOKING query at the end Dalabase Views CREATE USER 'USERS' @'Cool Book' SCHITEFTED FY "WITE": In a database a view is a virtual table that is based on the result of a SELECT Query Views are stored in the database but do not contain data them self. Instead, they provide a way to access and organize data from one or more tables in a database, salle 74490 . 1) Views are defined using eql statements, specially the SELECT statement. 2) Views can include joins, aggregations and other operations that you can perform on tables. 3) Views con be used to simplify complex queries and make them more readable by abstracting away some of the details. 4) Views can be updated just like tables, but there are some restrictions and see any 21 land 2- views connot unbe aindexed and lander You cannot insert data in to a view if It used any aggregated functions, · It contains subqueries or derived tables

or multiple tables · select statement should not use Distinct keyword syntax to create a view. that was stone a ola solid slythm make CREATE VIEW (VIEW name) AS (select query); Provide a roomstont wheeless: There can be lived pende example: of exchala fortages a shiring of even if the underlying rehems changes over time. CREATE VIEW customer_ order As SELECT C. Customer_ID, C.name, o order_id, o. order_date, o total amount FROM customers C INNER JOIN orders o on c. customer_ID = o. order_id; belecting data from a view; * FROM customer_order NHERE name = ' John Smith'; Views can be used in a variety of ways to simplify queries, control data access and organize data. 1. Smplify Complex queries: Yews can be used to simply complex queries by encopsulating the details of the underlying tables. Instead of writing a long, complicated query that involves multiple joins and subqueries, you can create a view that performs the necessary operations and then query the view instead. 2. Restrict Acress to data : Views can be used to restrict acress to sensitive data by limiting the columns and rows that are visible to certain users & roles. Ex: You can create a view that shows a subset of the columns in a table or that only includes rows that meets certain criteria.

3. Organize data: Views can be used to organize data in a way that makes sense for your application Example ? You could create a view that combines data from multiple tables into a single view that represents data in organized manner. (select guery): 4. Provide a consistant interface: Views can be used to provide a consistent interface to your database, even if the underlying ochema changes over time. For example ? A Your considereate a wiew that represents a table entity even if underlying tables & columns change.) promotors 14097 & tourne late orders o orl consistent to a district Drop a view. Gelecting data dien 1 news DROP VIEW Yview name); robro remoleus 140 X1 1 dlang add 1 1 3 me. playing of open to plane is the is plant of book of an eway service signed followed il to plate all partalización la misul tables tasted of anting a long, comproded that includes muleiple joing and subjust trons and then query the view instead. Perticol access to data? Views can be used to re subular place dad to offer Alles and