LAB ASSIGNMENT-3

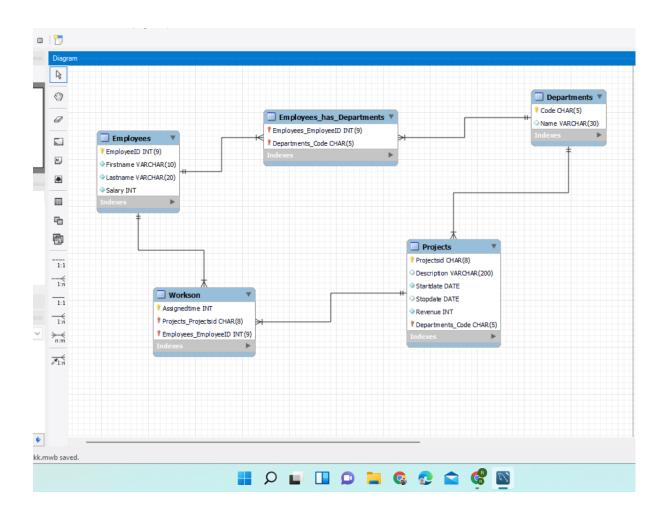
Name-Aryan Patel

Roll no-20bcs097

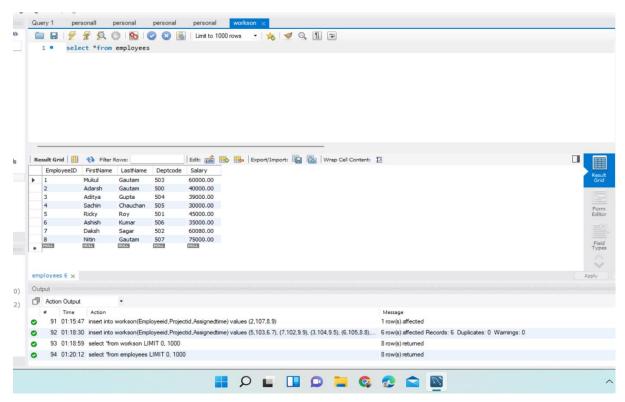
Subject-CS310(DBMS)

AIM: The aim of this lab assignment is to create tables and define primary keys, foreign keys, and unique keys. Using these keys identifies relationships between them and performs many operations on the table, also aims to create ER-Diagram.

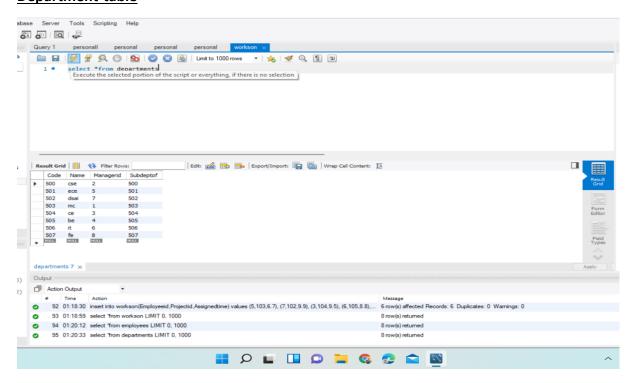
ER-diagram



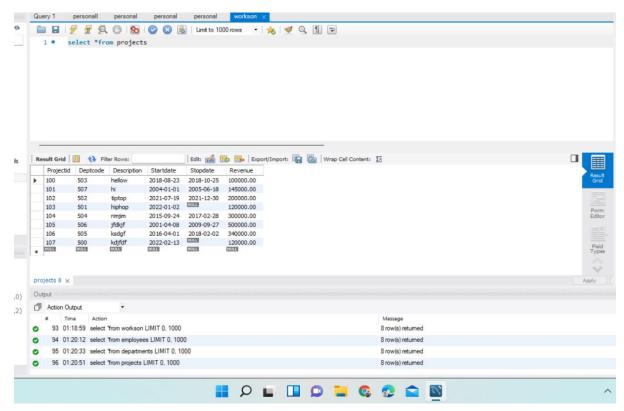
Employee-table



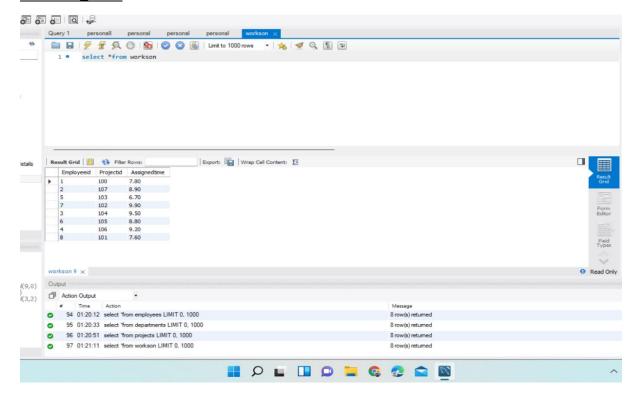
Department-table



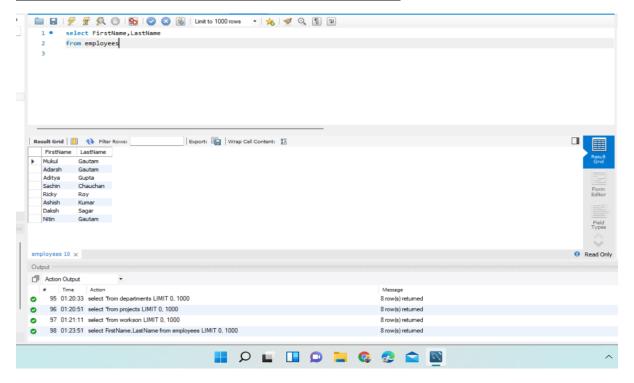
Project-table



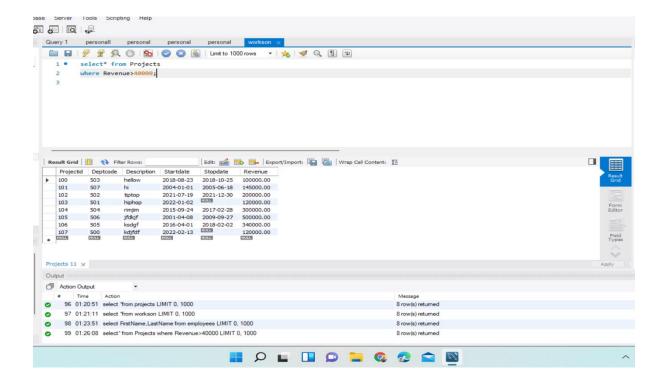
Workson_table



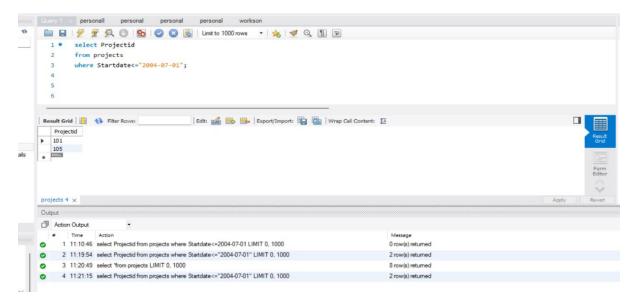
Q.1 - List the first and last names of all employees.



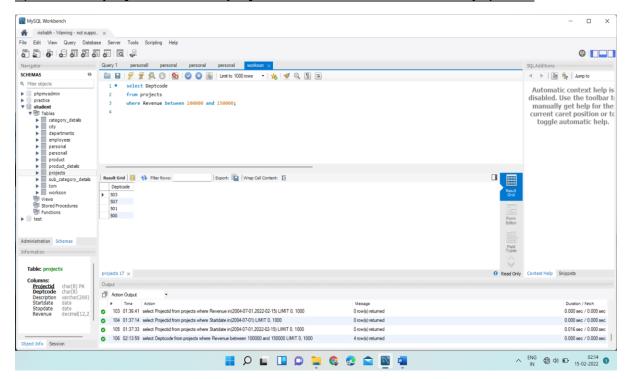
Q.2 - List all attributes of the projects with revenue greater than \$40,000.



Q.3 - List the department codes of the projects with revenue between \$100,000 and \$150,000.



Q.4 - List the project IDs for the projects that started on or before July 1, 2004.



Conclusion:

From this lab assignment, we learn how to create tables and identify foreign keys, the primary keys, and unique keys. Using these keys identify the relationship between tables and how to insert data into the table and to see the specific data of the table using the where condition.