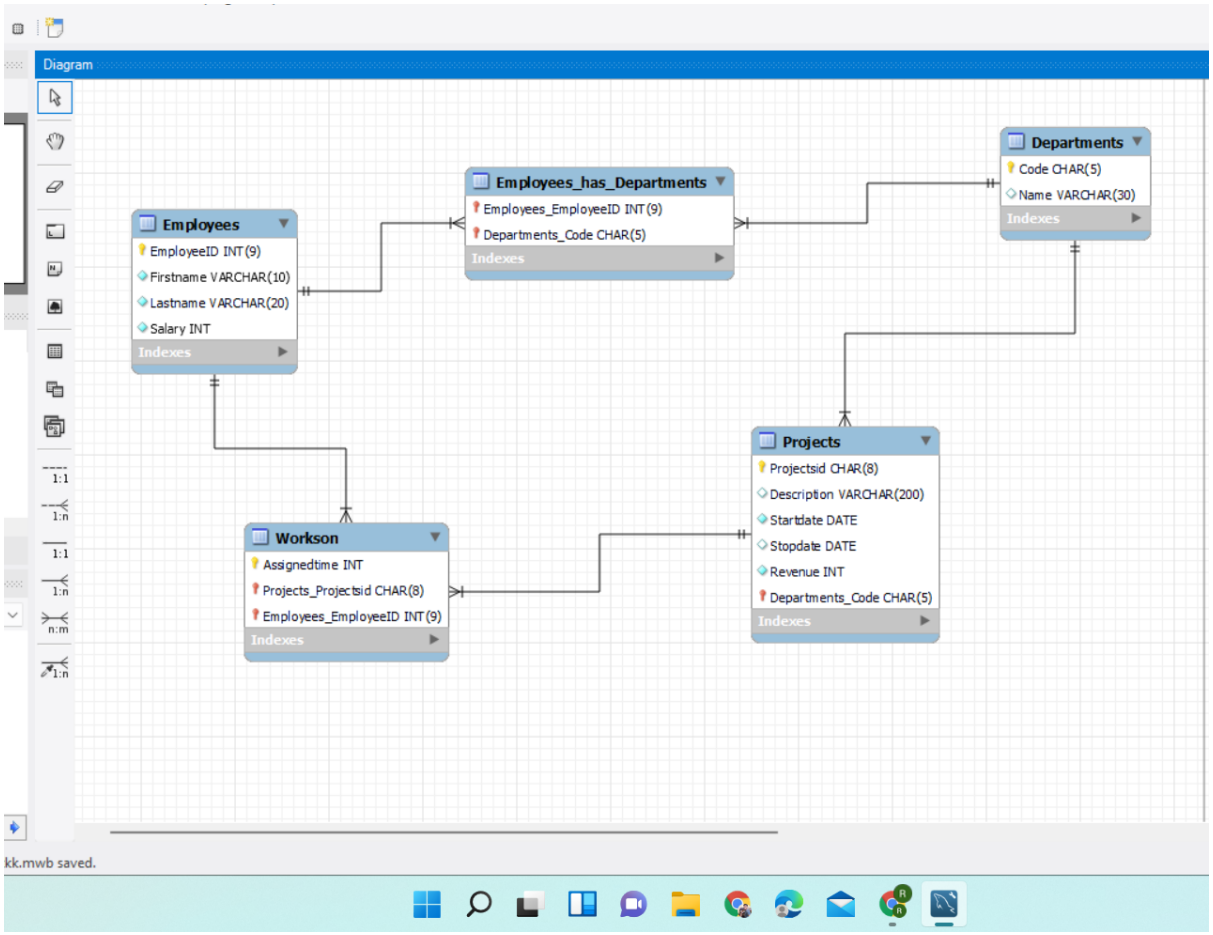
# LAB ASSIGNMENT-4

Name-Aryan Patel

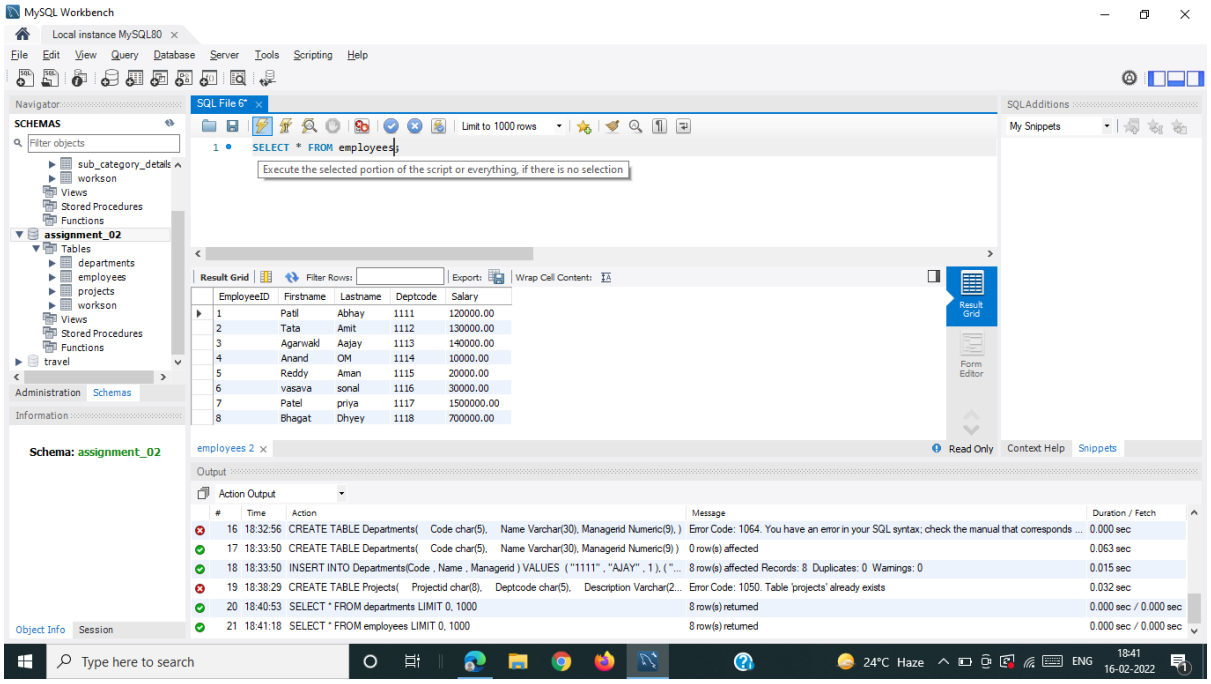
Roll no-20bcs097

Subject-CS310(DBMS)

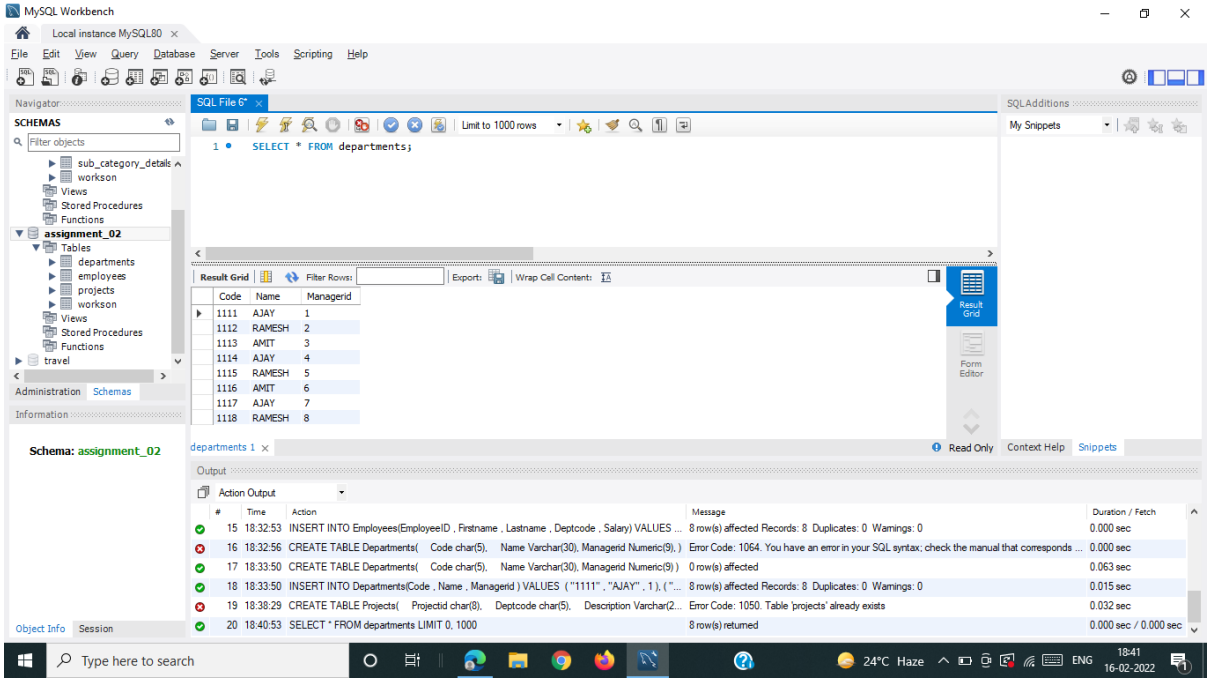
**ER-diagram**



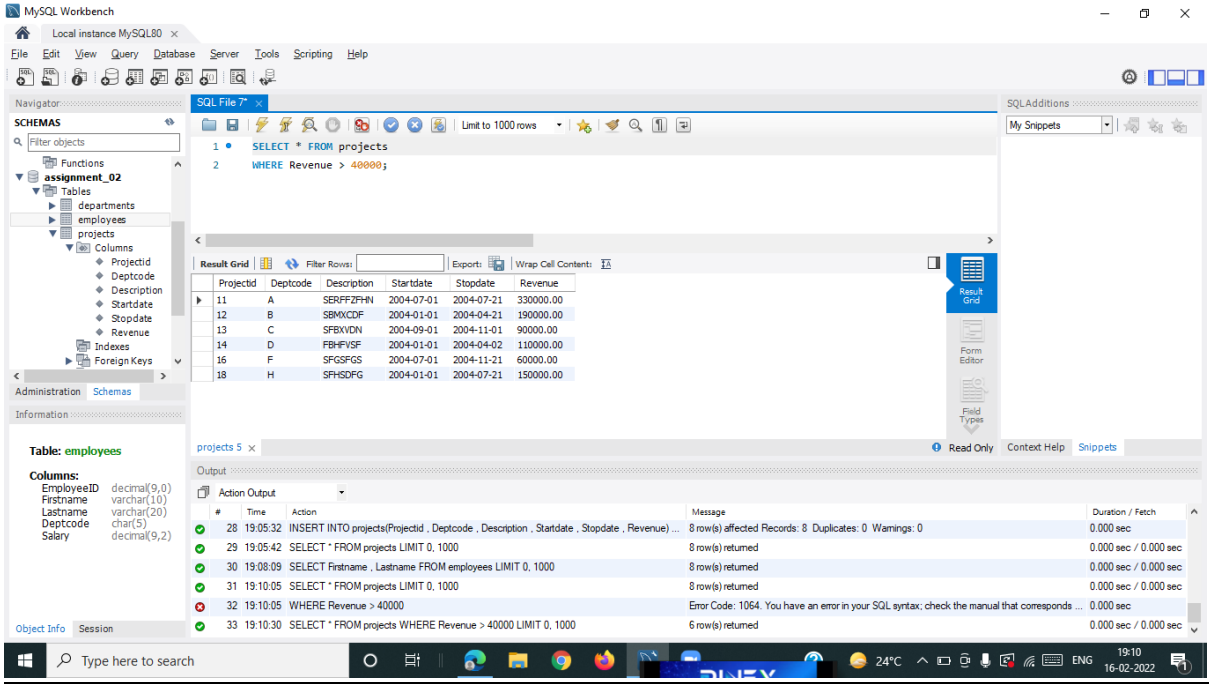

**Employee-table**



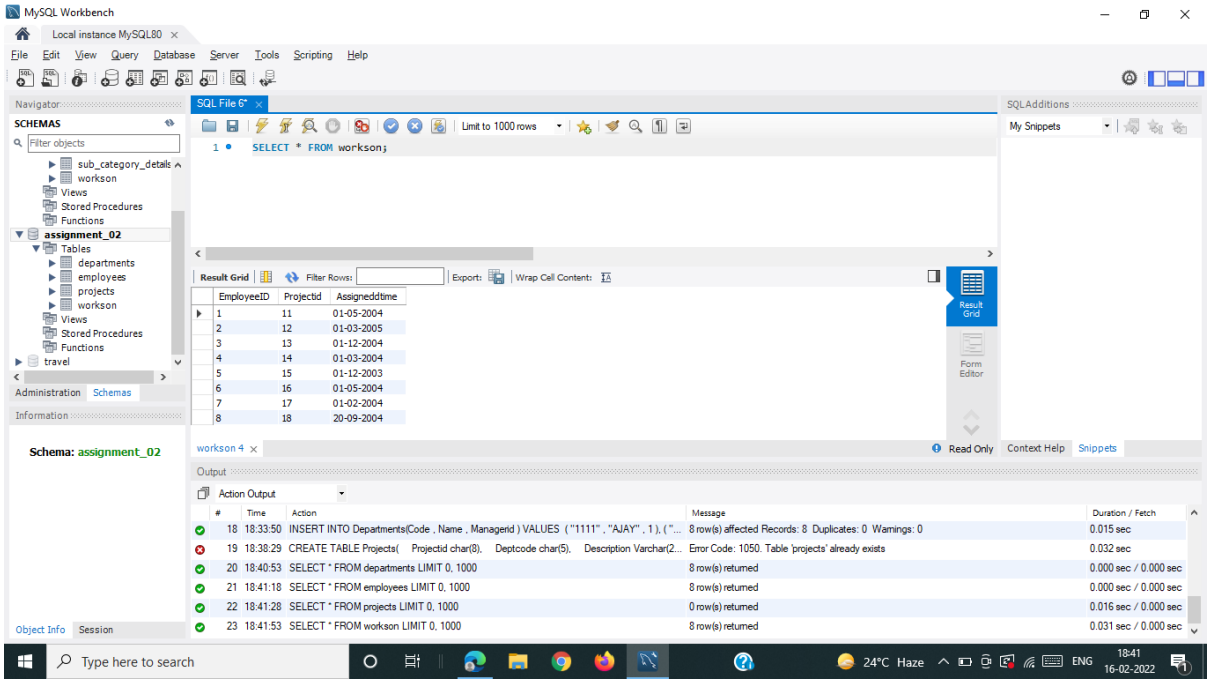

## Department-table



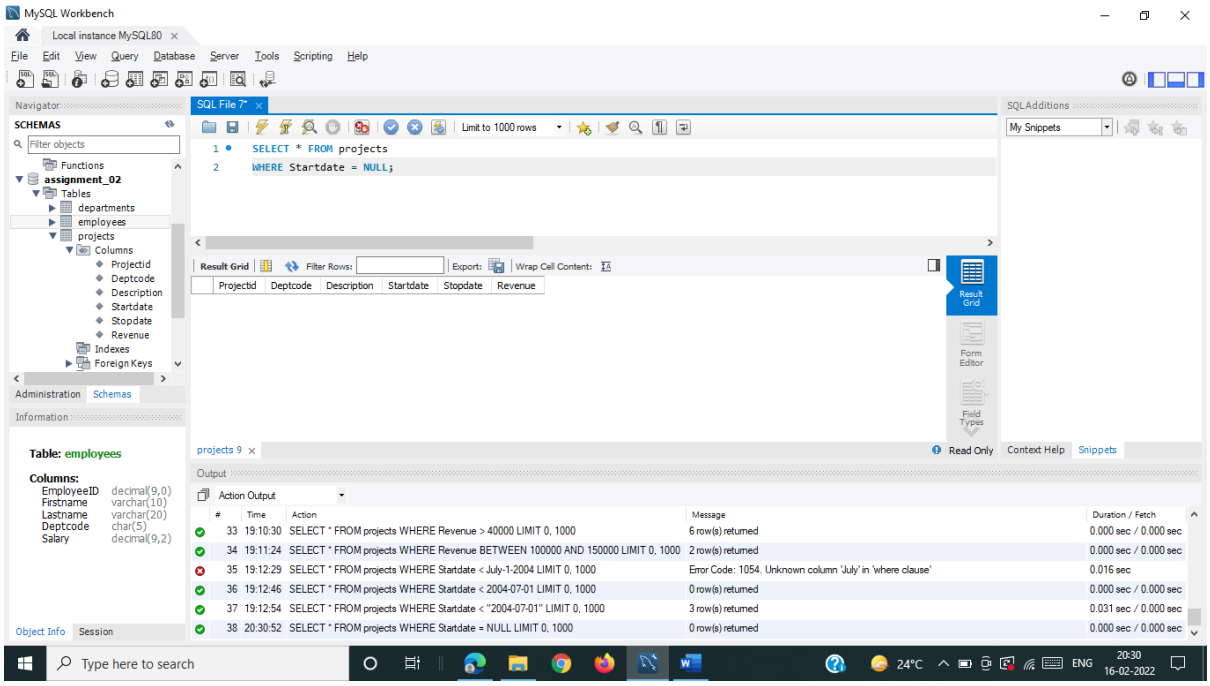
## Project-table



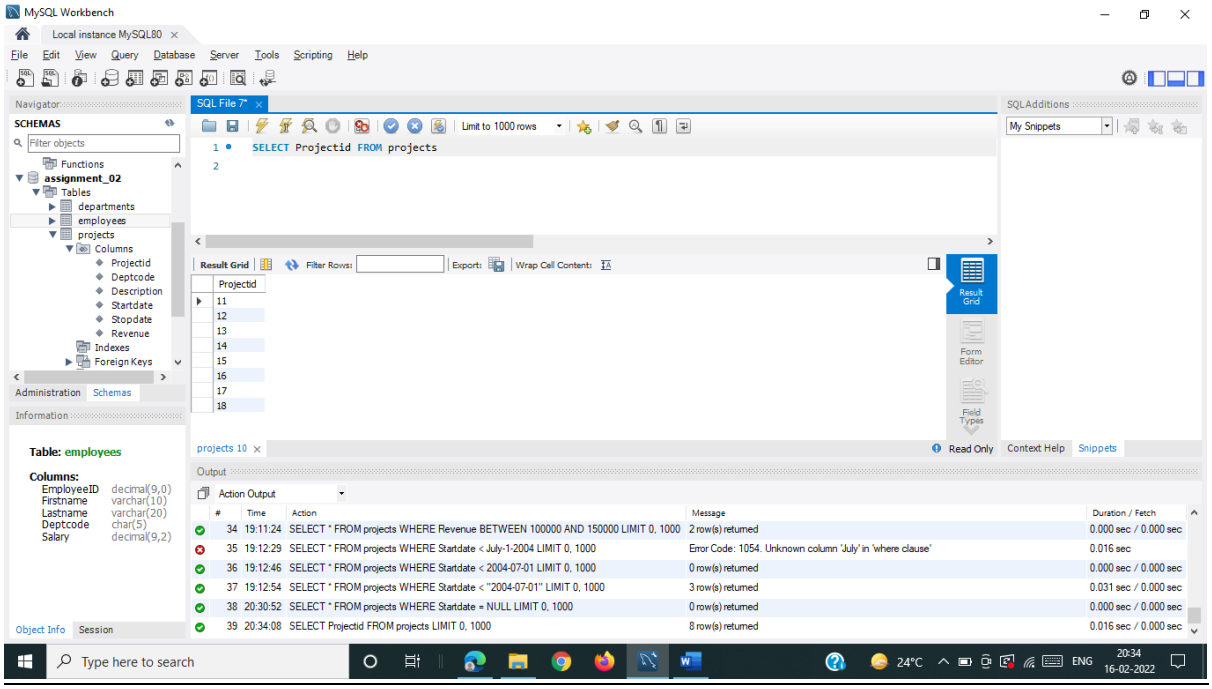

## Workson_table



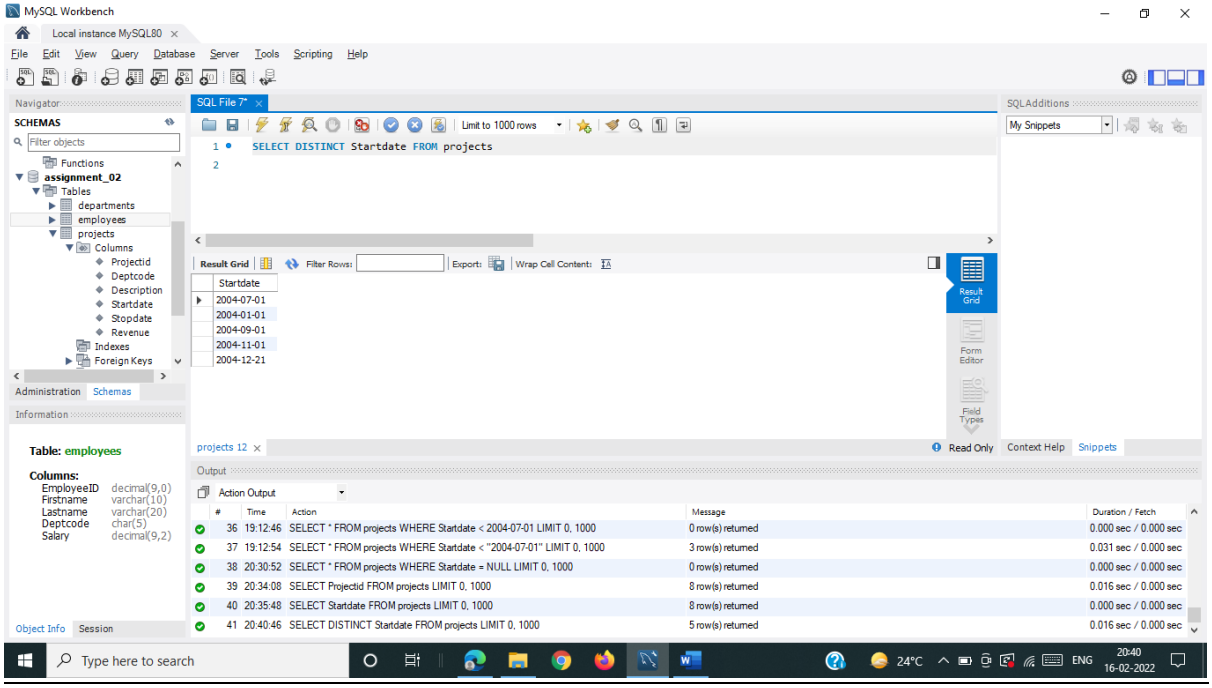

## Q.1 - List the “magical” projects that have not started (indicated by a start date in the future or NULL) but are generating revenue.



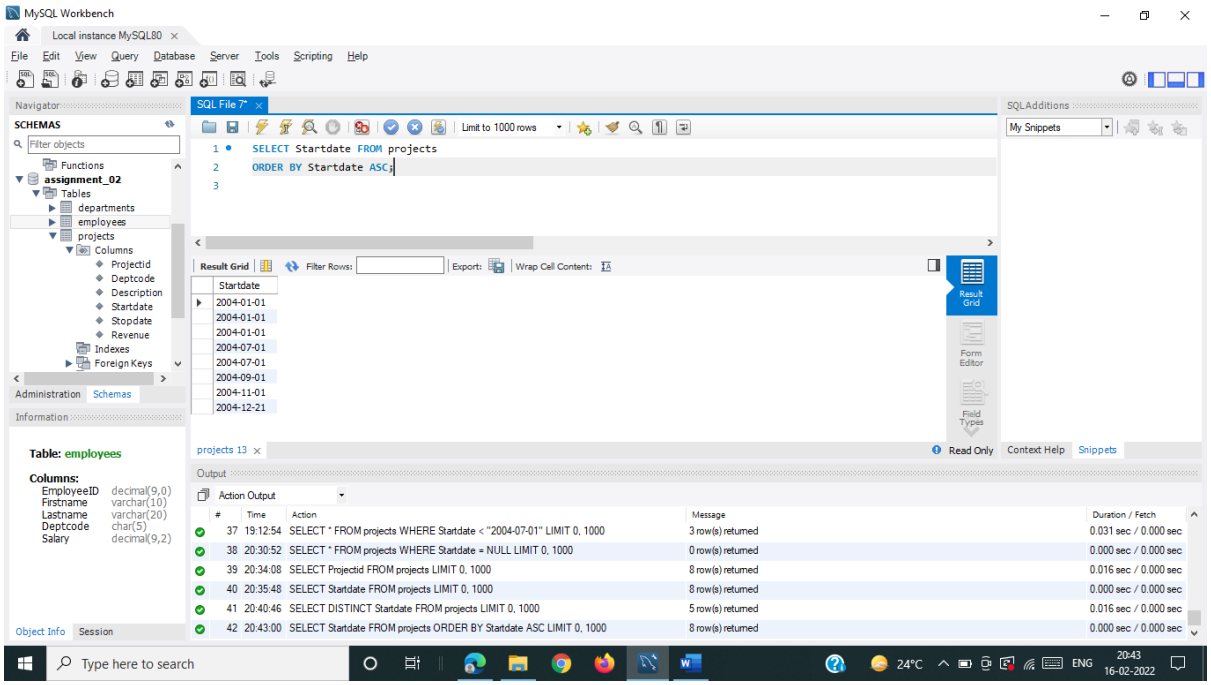

## Q.2 - Find the project ID and duration of each project.



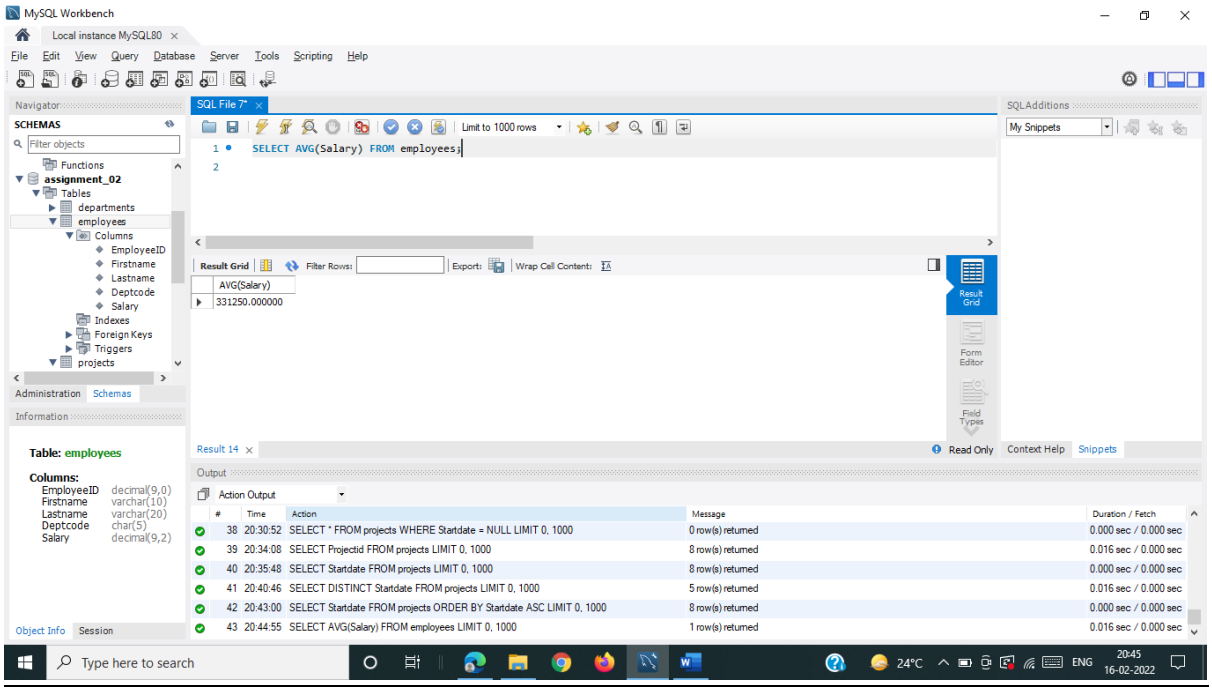

## Q.3 - Find the years a project started. Remove duplicates.



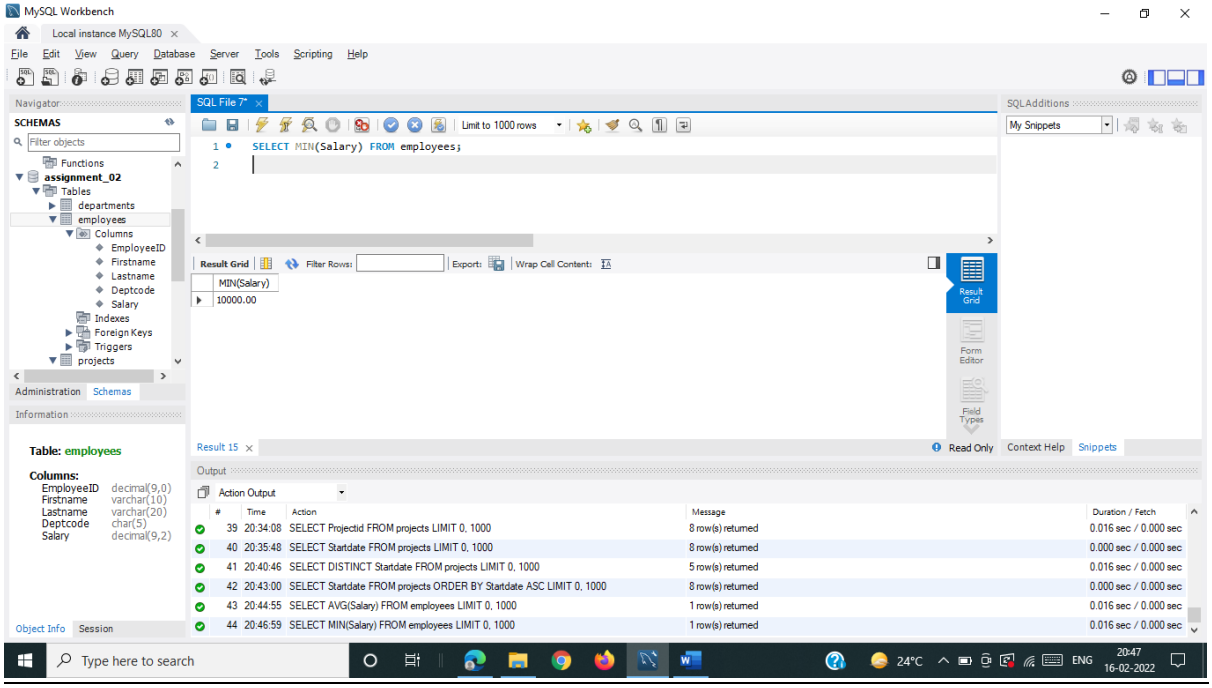
## Q.4 - For each project, list the ID and year the project started. Order the results in ascending order by year.



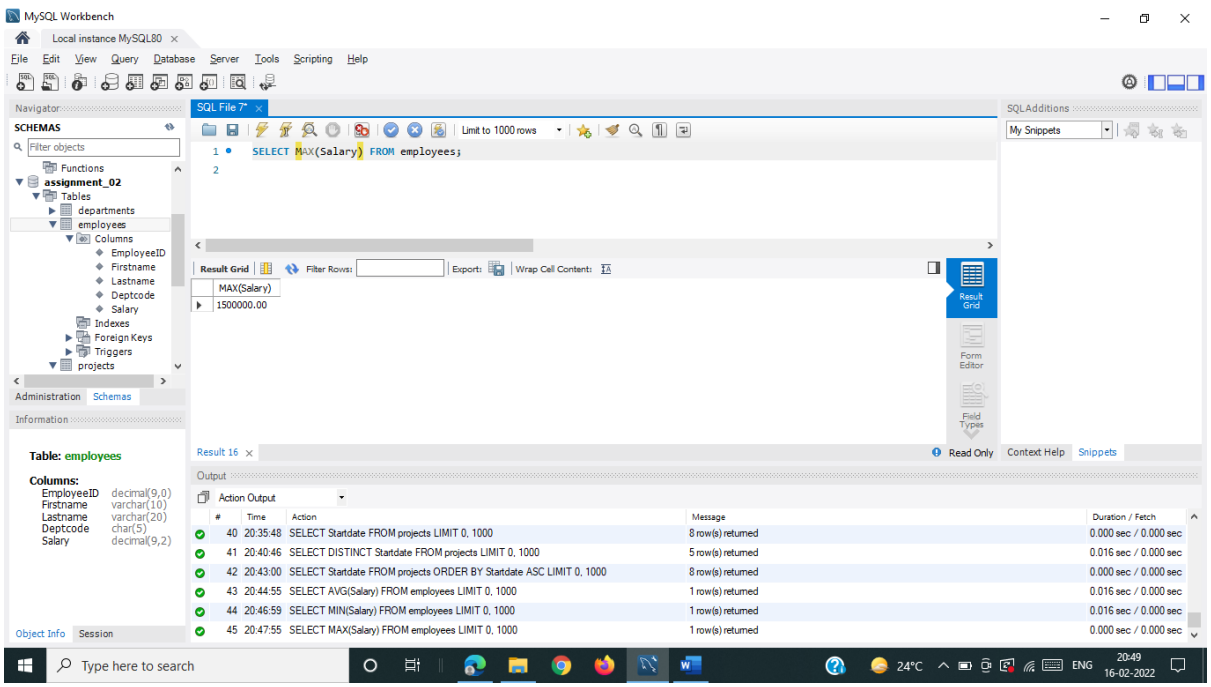

## Q.5 - Find the average salary for all employees.



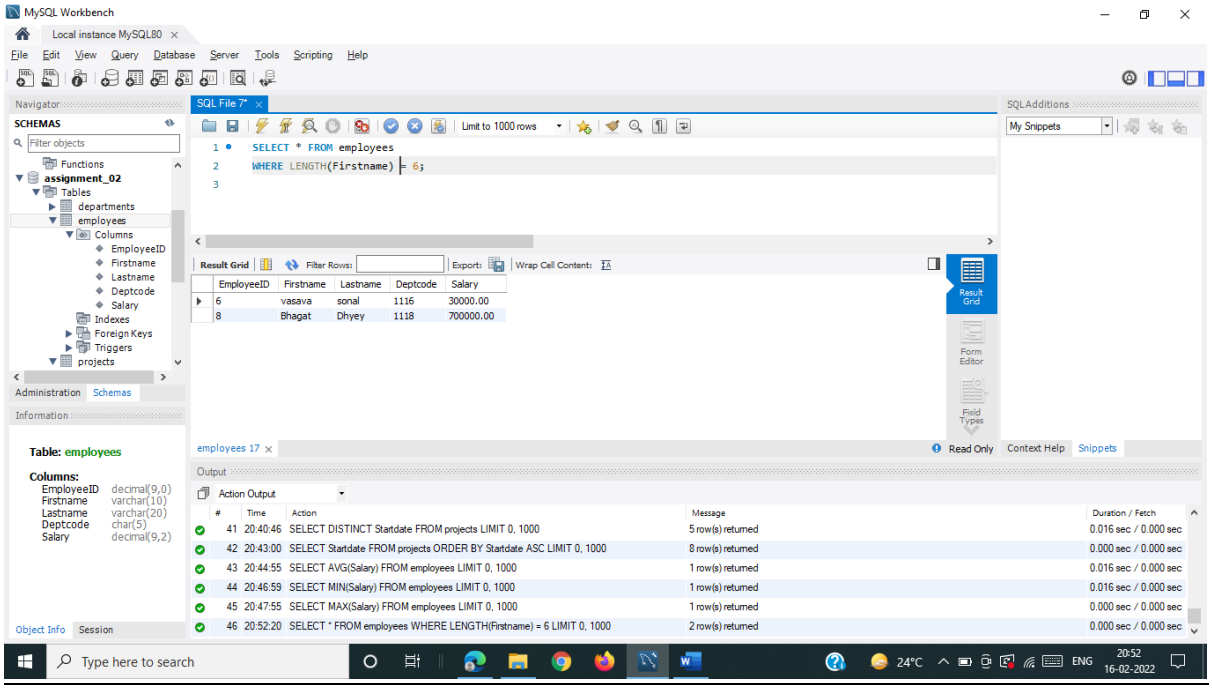
## Q.6 - Find the minimum salary for an employee.



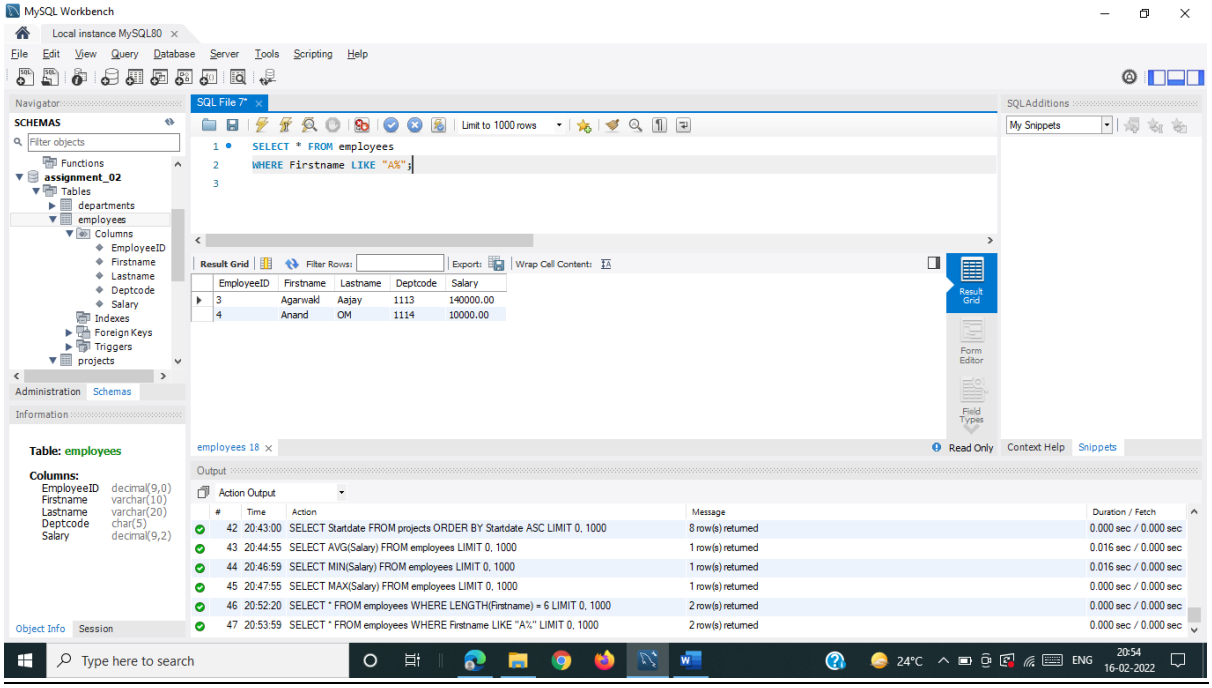

## Q.7 - Find the maximum salary for an employee.



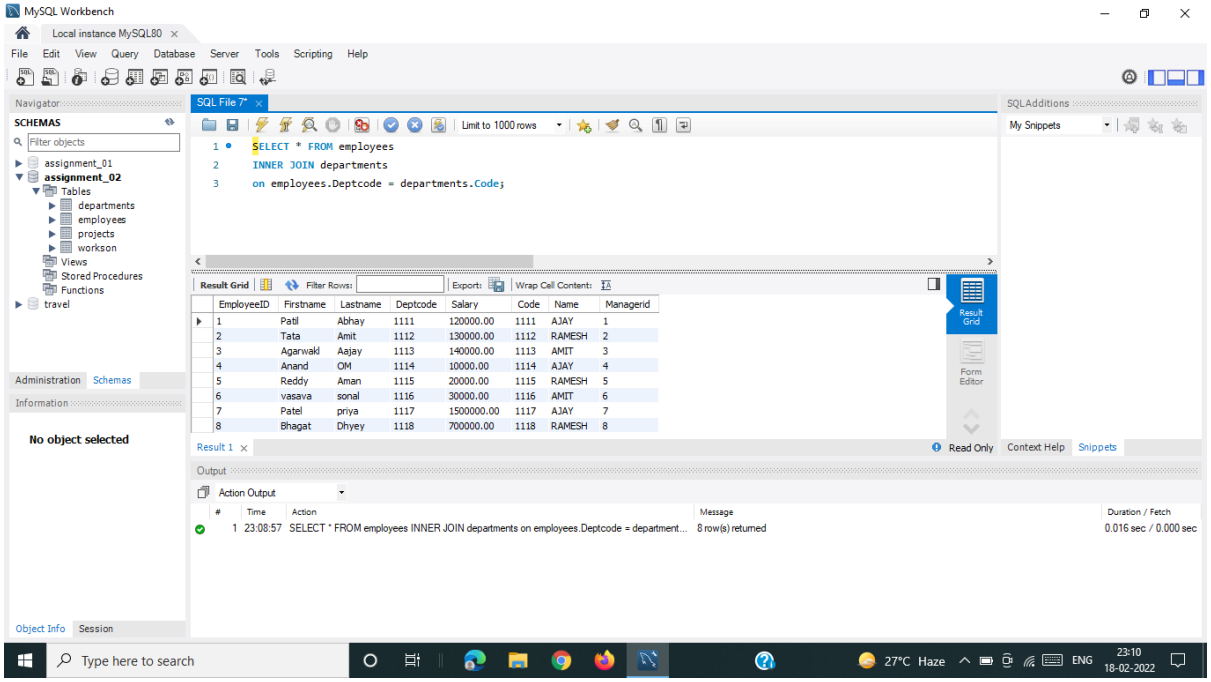
## Q.8 - Find list of employee whose name has exactly six characters.




## Q.9 - Find list of employees whose name starts with ‘a’.



## Q.10 - Find list of employees who works for more than one department/project.




## Q.11 - Print all details of employees except the minimum and maximum paid employees.