

Employee			
ColumnName	DataType	AN NN	Remarks
EmployeeID	Int	NN	Primary Key
FirstName	Varchar(100)	NN	
LastName	Varchar(100)	NN	
DoB	Datetime	NN	
Gender	Varchar(50)	NN	
HireDate	Datetime	NN	
DepartmentID	Int	NN	Foreign Key
Salary	Decimal(10,2)	NN	

Departments			
ColumnName	DataType	AN NN	Remarks
DepartmentID	Int	NN	Primary Key
DepartmentName	Varchar(100)	NN	
ManagerID	Int	NN	Foreign Key
Location	Varchar(100)	NN	

Projects			
ColumnName	DataType	AN NN	Remarks
ProjectID	Int	NN	Primary Key
ProjectName	Varchar(100)	NN	
StartDate	Datetime	NN	
EndDate	Datetime	NN	
DepartmentID	Int	NN	Foreign Key

(Do enter proper (5-10) records in above tables)

- List all employees along with their department names.
- Find the department name and the manager's name.
- List all projects with their department names.
- List all employees along with their department locations.
- Find all employees with their respective project names (if they are part of any).
- Find all projects and their start dates along with department names.
- List employees who have no department.
- Find employees along with their department name and project name.
- Find departments without any projects.
- List projects along with the department manager's name.
- Find the total salary by department.
- List all employees who work in the same department as the department's manager.
- Find employees whose salary is above the average salary of their department.
- List all departments with more than 5 employees.
- Find employees who were hired before their department's manager was hired.
- Find the highest-paid employee in each department.
- List all projects that have not yet started.
- Find departments with projects that have been completed.
- Find employees who have worked in departments with more than 3 projects.

20. Find all projects managed by employees older than 40 years.
21. Find the average salary of each department.
22. List the number of projects handled by each department.
23. Find employees who are not managers but are in the same department as their managers.
24. List departments that have employees with a salary greater than 100,000.
25. Find the department with the most projects.
26. Find all projects that have both started and ended within the same year.
27. List employees along with their project details if they are part of a project that started after 2023.
28. Find departments with the highest total employee salaries.
29. List employees working in departments where the manager's salary is less than the average department salary.
30. List projects that are not associated with any department.
31. Find the employee who has worked the longest in their current department.
32. Find the average salary of employees in projects that started in 2023.
33. List all employees along with their department name, even if they are not assigned to a department.
34. Find all employees in the same department as their manager.
35. Find all departments with employees who have not been assigned to any projects.
36. Find all employees whose hire date is later than their department's start date.
37. Find all projects that belong to departments without employees.
38. Find departments with more than 3 employees and list their project names.
39. Find employees who have worked on projects for more than 5 years.
40. List all projects and the departments whose managers have more than 10 years of experience.
41. Find the number of employees in each project that started before 2023.
42. Find employees who work in the same department as a manager but are not managers themselves.
43. Find all employees who work in projects that started in 2023.
44. Find projects that ended before 2023 and list the names of the departments they belong to.
45. Find the total number of employees working in departments where the manager has more than 10 years of experience.
46. Find departments with employees who have not been assigned to any projects.
47. Find all projects handled by employees hired before 2010.
48. Find employees who were hired after the project they are working on started.
49. Find all projects where the department manager's salary is less than 70,000.
50. Find departments where more than half of the employees earn less than the department's manager.
51. Find the department(s) that have the highest average salary of employees.
52. Find employees who have worked on more than one project and list the total number of projects they've worked on.
53. Find the employee(s) with the longest tenure in their department.

54. Find all employees who are part of departments that have completed more than 3 projects within the last 5 years.
55. Find employees who have worked in multiple departments over time.
56. List the departments where the total salary expenditure on employees is higher than the average salary expenditure across all departments.
57. Find the total salary of employees working on projects that started after 2022 and ended before 2024.
58. Find departments where the manager earns less than the average salary of the employees in that department, and list the difference in salary.
59. List all employees along with their manager's name & project name.
60. Find all employees along with the project name with start & end dates as they are working on, if any.