

1. Create the following tables

Employee

<u>Empno</u>	Identifies the Employee's
Emp_name	Employee name. Cannot be blank
Emp_Join_Date	Date of Join of employee. Default is the system date
Emp_Status	Employee status . Can be either P, C or R

Project

<u>Project_Code</u>	Identifies the projects
Project_Description	Name of the project. Cannot be blank and have to be unique
Project_Start_Date	Start date of the project. Cannot be blank
Project_End_Date	End date of the project

Project_Allocation

<u>Project Code</u>	Project Code
<u>Empno</u>	Employee number
Emp_Proj_Alloc_Date	Employee project allocation date
Emp_Proj_Release_Date	Employee project release date

2. Insert the following data in Employee table

<u>Empno</u>	Emp_name	Emp_Join_Date	Emp_Status
101	Jhonny	01-Jul-2005	C
116	Nayak	16-Aug-2005	C
202	Meera	30-Jan-2006	C
205	Ravi	11-Feb-2006	C
304	Hari	25-Nov-2006	P
307	Nancy	15-Jan-2007	P
403	Nick	21-Jan-2007	P

3. Insert the following data in Project table

<u>Project_Code</u>	Project_Name	Project_Start_Date	Project_End_Date
P001	Environment Pollution	02-Aug-2005	11-Dec-2006
P002	Learning Curve	01-Feb-2006	15-Mar-2006
P003	Effects of IT	03-Jan-2007	

4. Insert the following data in Project_Allocation table

<u>Project_Code</u>	<u>Empno</u>	Emp_Proj_Alloc_Date	Emp_Proj_Release_Date
P001	101	01-Aug-2005	11-Dec-2006
P001	116	16-Aug-2005	11-Dec-2006
P002	202	01-Feb-2006	14-Jan-2007
P002	307	15-Jan-2007	

P002	205	11-Feb-2006	
P003	403	21-Jan-2007	
P003	304	03-Jan-2007	
P003	101	03-Jan-2007	
P003	116	03-Jan-2007	
P003	202	15-Jan-2007	

5. Write queries for the following :

1. List all the project names along with the employee names to whom the project is assigned.
2. Display the name of employees whose status is confirmed.
3. List the employees who have joined in the month of November.
4. List the projects which have started after 1st Jan 2006.
5. List all the employees who are working for the project entitled 'Effects of IT'.
6. List all the projects that are not yet completed.
7. Display the Employees who are released from project having code P002.
8. Count and display the number of days it took for the completion of project P002.
9. List the name of employees along with the number of days they have worked for projects allocated to them.
10. Add a column Manager_id in the Projects table
11. Update the Projects table with the following data :

Project_Code	Manager_id
P001	101

P002	202
P003	116

12. A new project entitled “Election Rage” which will be starting on 1st March 2007 has been received. Add these details in Projects table.

13. Project named “Effects of IT” is cancelled. Remove its details from the Projects table.

14. List the projects with a time duration of more than 13 months.

15. List the number of employees, project wise who have worked on the project in Feb – 2007.

Submission Deadline: 18th April, 2020