

1) Find Employee ID of who works for codepro project.

→ Select W_Emp ID from works on where
W_Pro_Num = (select Pro_No from Project
where Pro_Name = 'CodePro');

2) Find First Name and Last Name of Employee who worked more than 200 hrs.

→ ~~Select distinct~~
Select F_name, L_name from Employee
where Emp_Id in (select W_Emp_Id from
works_on where Hrs > 200);

3) Find the dept Name of project 'Jabalpur'

→ Note: Jabalpur is a location of project.

Select distinct (Dept.Dept_name) from
works_on, Dept where works_on.DeptNo = Dept.DeptNo
and W_Pro_Num = (select Pro_Num from Project
where Pro_Location = 'Jabalpur');

4) Select All data of employee who work as
'Tr.Eng' and 'Sr.Eng' and Hrs > 120.

→ select * from Employee
where Emp_Id in (select W_Emp_Id from
works_on where Relation
in ('Tr.Eng', 'Sr.Eng') and
Hrs > 120);

5. A) Create a Backup Table Emp_Backup contains only Emp-Id, F-Name, L-Name, Join-Date, Salary columns.

→ Create table Emp_Backup
(Emp-Id int primary key,
F-name varchar(20),
L-name varchar(20),
Join-Date date,
Salary int);

B) Insert the values into Backup table the help of sub query from Employee table

→ Insert into Emp-Backup
Select Emp-Id, F-name, L-name, Join-Date,
Salary from Employee;

6) Update the Salary in Emp-Backup table by 30% who works for project 'HAL'

→ Update Emp-Backup set Salary = Salary * 1.3
where Emp-Id = (Select W-Emp-ID from
WORKS_ON, Project
where Works-On.W-Proj-Nam
= Project.Proj-No and
Project.Proj-Name = 'HAL');