|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| EmployeeDetails | | | | |
| EmpID | **FullName** | **ManagerID** | **DateofJoining** | **City** |
| 121 | Shreeya | 300 | 2019 | Ktm |
| 122 | Kanchan | 301 | 2023 | Ktm |
| 123 | Nitisha | 302 | 2022 | Lalitpur |
| … | … | … | … | … |

|  |  |  |  |
| --- | --- | --- | --- |
| EmployeeSalary | | | |
| EmpID | **Project** | **Salary** | **Variable** |
| 121 | P1 | 324223 | 500 |
| 122 | P2 | 134132 | 1000 |
| 123 | P3 | 134134 | 0 |
| … | … | … | … |

* **Write any SQL query to fetch Empid and full name of all the employees working under the manager with id 300.**

SELECT EmpID, FullName   
FROM EmployeeDetails  
WHERE ManagerID = 300;

* **Write any SQL query to fetch the different projects available from the employee salary table.**

SELECT DISTINCT Project

FROM EmployeeSalary;

* **Write a SQL query to fetch the count of employees working in P1.**

SELECT Count (\*)  
FROM EmployeeSalary  
WHERE Project = ‘P1’;

* **Write a SQL query to find maximum, minimum and average salary of the employees.**

SELECT MAX (Salary) AS MaxSalary, MIN (Salary) AS MinSalary, AVG (Salary) AS AvgSalary  
FROM EmployeeSalary;

* **Write a SQL query to find the employee id whose salary lies in the range of 134134 – 324232.**

SELECT EmpID  
FROM EmployeeSalary  
WHERE Salary BETWEEN 134134 AND 324232;

* **Write a SQL query to fetch those employees who lives in Ktm and work under the manager with id 300.**

SELECT EmpID, FullName  
FROM EmployeeDetails   
WHERE City = ‘Ktm’ AND ManagerID = 300;

* **Write a SQL query to fetch the employee fullname and replace the space with (-). example Kanchan Koirala should be Kanchan-Koirala.**

SELECT REPLACE (FullName, ‘ ’, ‘-’) AS ModifiedName

FROM EmployeeDetails;

* **Write a SQL query to display both the empid and manager id together.**

SELECT EmpID, ManagerID  
FROM EmployeeDetails;

* **Write a SQL query to uppercase the name of an employee and lowercase the cities values.**

UPDATE EmployeeDetails  
SET FullName = UPPER (FullName), City = LOWER (City);

* **Write a SQL query to fetch records that are present in one table but not in another table.**

SELECT e.\*  
FROM EmployeeDetails e  
LEFT JOIN EmployeeSalary s ON e.EmpID = s.EmpID;

* **Write a SQL query to fetch empID that are present in both the tables.**

SELECT e.EmpID  
FROM EmployeeDetails e  
INNER JOIN EmployeeSalary s ON e.EmpID = s.EmpID;

* **Write a SQL query to fetch the empID that are present in employee Details but not in employee Salary.**

SELECT e.EmpID  
FROM EmployeeDetails e  
LEFT JOIN EmployeeSalary s ON e.EmpID = s.EmpID

WHERE s.EmpID IS NULL;

* **Print the first three characters of First\_name from the worker table.**

SELECT LEFT (FirstName, 3) AS First3Chars  
FROM Worker;

* **Find the position of the alphabet 'b' in the firstname 'Amitabh' from the worker table.**

SELECT POSITION (‘b’ IN ‘Amitabh’) AS PositionofB;

* **Print first\_name from the worker table after removing the white space from the right side.**

SELECT RTRIM (first\_name) AS TrimmedFirstName

FROM worker;

* **Fetch the count of employees working in the department 'Admin'.**

SELECT COUNT (\*) AS AdminEmployees

FROM Worker

WHERE department = 'Admin';

* **Fetch worker full name with salaries >= 50,000 and <= 10,0000.**

SELECT FullName, Salary

FROM Worker

WHERE Salary BETWEEN 50000 AND 100000;

* **Show only odd rows from a table.**

SELECT \*

FROM (

SELECT \*, ROW\_NUMBER () OVER () AS row\_num

FROM Worker

) w

WHERE w.row\_num % 2 <> 0;