**SQL ASSIGNMENTS 3**

**BASIC AND INTERMEDIATE**

**1.**

SELECT \*

FROM EmployeeDetails

WHERE Empld NOT IN (SELECT Empld FROM EmployeeSalary);

```

**2.**

SELECT \*

FROM EmployeeDetails

WHERE Empld NOT IN (SELECT Empld FROM EmployeeSalary);

```

**3**.

SELECT \*

FROM EmployeeDetails

WHERE YEAR(DateOfJoining) = 2020;

```

**4**

SELECT ed.\*

FROM EmployeeDetails ed

INNER JOIN EmployeeSalary es ON ed.Empld = es.Empld;

```

**5.**

SELECT Project, COUNT(Empld) AS EmployeeCount

FROM EmployeeSalary

GROUP BY Project;

```

**6.**

SELECT ed.FullName, COALESCE(es.Salary, 0) AS Salary

FROM EmployeeDetails ed

LEFT JOIN EmployeeSalary es ON ed.Empld = es.Empld;

```

**7.**

SELECT ed.\*

FROM EmployeeDetails ed

WHERE ed.Empld IN (SELECT ManagerId FROM EmployeeDetails);

```

**8.**

SELECT Empld, COUNT(\*)

FROM EmployeeDetails

GROUP BY Empld

HAVING COUNT(\*) > 1;

```

**9.**

SELECT \*

FROM EmployeeDetails

WHERE Empld % 2 <> 0;

```

**10**.

SELECT DISTINCT Salary

FROM EmployeeSalary

ORDER BY Salary DESC

LIMIT 2, 1;

```

**Assignment 2**

**1.**

SELECT ed.Empld, ed.FullName

FROM EmployeeDetails ed

WHERE ed.ManagerId = 986;

```

**2.**

SELECT DISTINCT Project

FROM EmployeeSalary;

```

**3.**

SELECT COUNT(Empld) AS EmployeeCount

FROM EmployeeSalary

WHERE Project = 'P1';

```

**4**.

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

FROM EmployeeSalary;

```

**5.**

SELECT Empld

FROM EmployeeSalary

WHERE Salary BETWEEN 9000 AND 15000;

```

**6.**

SELECT \*

FROM EmployeeDetails

WHERE City = 'Toronto' AND ManagerId = 321;

```

**7.**

SELECT \*

FROM EmployeeDetails

WHERE City = 'California' OR ManagerId = 321;

```

**8.**

SELECT ed.\*

FROM EmployeeDetails ed

LEFT JOIN EmployeeSalary es ON ed.Empld = es.Empld

WHERE es.Project IS NULL OR es.Project <> 'P1';

```

**9.**

SELECT ed.Empld, ed.FullName, COALESCE(es.Salary, 0) + COALESCE(es.Variable, 0) AS TotalSalary

FROM EmployeeDetails ed

LEFT JOIN EmployeeSalary es ON ed.Empld = es.Empld;

**10.**

SELECT \*

FROM EmployeeDetails

WHERE FullName LIKE '\_\_hn%';

**ADVANCED ASSIGNMENT**

**1**.

SELECT UPPER(EmpFname) AS EmpName

FROM EmployeeInfo;

**2**.

SELECT COUNT(\*) AS EmployeeCount

FROM EmployeeInfo

WHERE Department = 'HR';

**3**.

SELECT CURRENT\_DATE AS CurrentDate;

**4.**

SELECT SUBSTRING(EmpLname, 1, 4) AS FirstFourChars

FROM EmployeeInfo;

**5.**

SELECT SUBSTRING\_INDEX(Address, '(', 1) AS PlaceName

FROM EmployeeInfo;

**6.**

CREATE TABLE NewTable AS

SELECT \* FROM EmployeeInfo;

**7.**

SELECT \*

FROM EmployeeInfo

WHERE Salary BETWEEN 50000 AND 100000;

**8**..

SELECT EmpFname, EmpLname

FROM EmployeeInfo

WHERE EmpFname LIKE 'S%';

**9.**

SELECT \*

FROM EmployeeInfo

LIMIT N;

**10.**

SELECT CONCAT(EmpFname, ' ', EmpLname) AS FullName

FROM EmployeeInfo;