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DBMS LAB RECORD - 01

Q) Write a SQL command which will show the entire Employee Info Table.

EmpId	EmpFname	EmpLname	Department	Project	Address	DOB	Gender
1	Sanjay	Mehra	HR	P1	Hyderabad (HYD)	01/12/1976	M
2	Ananya	Mishra	Admin	P2	Delhi (DEL)	02/05/1968	F
3	Rohan	Diwan	Account	P3	Mumbai (BOM)	01/01/1980	M
4	Sonia	Kulkarni	HR	P1	Hyderabad (HYD)	02/05/1992	F
5	Ankit	Kapoor	Admin	P2	Delhi (DEL)	03/07/1994	M

SQL Commands for creation of Employee Info Table -

→ create table Employee Info (EmpID number (3), EmpFname varchar (20), EmpLname varchar (30), Department varchar (10), Project varchar (3), Address varchar (50), DOB date, Gender varchar (2));

Table created

- > insert into Employee Info values (1, 'Sanjay', 'Mehra', 'HR', 'P1', 'Hyderabad (HYD)', '01-Dec-1976', 'M');
- > insert into Employee Info values (2, 'Ananya', 'Mishra', 'Admin', 'P2', 'Delhi (DEL)', '02-May-1968', 'F');
- > insert into Employee Info values (3, 'Rohan', 'Diwan', 'Account', 'P3', 'Mumbai (BOM)', '01-Jan-1980', 'M');
- > insert into Employee Info values (4, 'Sonia', 'Kulkarni', 'HR', 'P1', 'Hyderabad (HYD)', '02-May-1992', 'F');
- > insert into Employee Info values (5, 'Ankit', 'Kapoor', 'Admin', 'P2', 'Delhi (DEL)', '03-July-1994', 'M');

1. Write a SQL command which will show the entire EmployeeInfo Table.

→ Select * from EmployeeInfo

OUTPUT

EmpID	EmpFname	Empl name	Department	Project	Address	DOB	Gender
1	Sanjay	Mehra	HR	P1	Hyderabad (HYD)	01/12/1976	M
2	Ananya	Mishra	Admin	P2	Delhi (DEL)	02/05/1968	F
3	Rohan	Diwan	Account	P3	Mumbai (BOM)	01/01/1980	M
4	Sonia	Kulkarni	HR	P1	Hyderabad (HYD)	02/05/1992	F
5	Ankit	Kapoor	Admin	P2	Delhi (DEL)	03/07/1994	M

2. The SQL command which will show the NAME, and address column of EmployeeInfo table.

→ Select EmpFname, EmplName, Address from EmployeeInfo ;

<u>EmpFname</u>	<u>EmplName</u>	<u>Address</u>
Sanjay	Mehra	Hyderabad (HYD)
Ananya	Mishra	Delhi (DEL)
Rohan	Diwan	Mumbai (BOM)
Sonia	Kulkarni	Hyderabad (HYD)
Ankit	Kapoor	Delhi (DEL)

3. The SQL command which will count the number of rows present in EmployeeInfo table.

→ select COUNT (*) from EmployeeInfo ;

COUNT (*)

5

4. Write a SQL command which will show EmpFname

→ select EmpFname from EmployeeInfo;

OUTPUT

EmpFname

Sanjay

Ananya

Rohan

Sonia

Ankit

5. Write a SQL command which will show the Project
rows.

→ select Project from EmployeeInfo;

OUTPUT

Project

P1

P2

P3

P1

P2

6. Write a SQL command which will show the
Department rows.

→ select Department from EmployeeInfo;

OUTPUT

Department

HR

Admin

Account

HR

Admin

7. Write a SQL command which will show Gender names.

→ select Gender from EmployeeInfo;

OUTPUT

Gender

M

F

M

F

M

8. Write a SQL command which will show EmpFname is Sanjay.

→ select * from EmployeeInfo where EmpFname = 'Sanjay';

OUTPUT

EmpID	EmpF name	Empl name	Dept	Project	Address	DOB	Gender
1	Sanjay	Mehra	HR	P1	Hyderabad (HYD)	01/12/1976	M

9. Write a SQL command which will show Department is HR.

→ select * from EmployeeInfo where Department = 'HR';

OUTPUT

EmpID	EmpF name	Empl name	Dept	Project	Address	DOB	Gender
1	Sanjay	Mehra	HR	P1	Hyderabad (HYD)	01/12/1976	M
4	Sonia	Kulkarni	HR	P1	Hyderabad (HYD)	02/05/1992	F

10. Write SQL command which will show Address is Hyderabad (HYD).

→ select * from EmployeeInfo where Address = 'Hyderabad (HYD)';

OUTPUT

EmpID	EmpF name	Empl name	Dept	Project	Address	DOB	Gender
1	Sanjay	Mehra	HR	P1	Hyderabad (HYD)	01/12/1976	M
4	Sonia	Kulkarni	HR	P1	Hyderabad (HYD)	02/05/1992	F