

NATIONAL PUBLIC SCHOOL, HSR, BENGALURU
Grade 12-SQL-ASSIGNMENT 2024 - 2025
COMPUTER SCIENCE

Instructions:-

*Create the given database and tables in MySQL and copy the commands in a word document.
Execute the queries. Write the query and its output in the document.*

Create a database and the Table EMPLOYEE						
EMP_ID	FIRST_NAME	LAST_NAME	Gender	SALARY	JOINING_DATE (mm/dd/yyyy)	DEPARTMENT
101	Monika	Arora	F	100000	2/20/2020	HR
102	Niharika	Verma	F	80000	6/11/2020	Admin
103	Vishal	Singhal	M	300000	11/22/2019	HR
104	Amitabh	Singh	M	500000	12/19/2020	Admin
105	Vivek	Bansal	M	500000	6/11/2019	Admin
106	Vipul	Diwan	M	200000	11/14/2021	
107	Rahul	Kumar	M	75000	1/2/2019	Account
108	Geetika	Chauhan	F	90000	4/11/2019	Admin
109	Vishal	Agrawal	M	85000	9/17/2020	

Table-Job		
E_ID	EMPLOYEE_TITLE	PROMOTION_DATE
101	Manager	2/20/2021
102	Executive	6/11/2021
108	Executive	6/11/2022
105	Manager	10/12/2021
104	Asst. Manager	6/11/2023
107	Executive	6/11/2020
106	Lead	6/11/2024
103	Lead	01/01/2021

1. Write an SQL query to fetch “FIRST_NAME” from Employee table using the alias name as <EMPLOYEE_NAME> whose name starts with a letter ‘V’

2. Write an SQL query to display the details of all employee who joined in November month from Employee table.
3. Write an SQL query to fetch unique values of DEPARTMENT from Employee table.
4. Write an SQL query to the employee details from Employee table who has not been allotted any department.
5. Write an SQL query to find the position of the alphabet ('a') in the first name column 'Amitabh' from Employee table.
6. Write an SQL query to print the FIRST_NAME and LAST_NAME from Employee table into a single column COMPLETE_NAME. A space character should separate them.
7. Display the First Name and Salary of all Female Managers.
8. Write an SQL query to print all Employee details from the Employee table order by DEPARTMENT Descending and FIRST_NAME Ascending.
9. Write an SQL query to print details of the Employees whose SALARY lies between 100000 and 500000.
10. Write an SQL query to print Maximum, minimum and average salary in each department.
11. Write an SQL query to fetch the count of employees working in the department 'Admin'.
12. Write an SQL query to fetch the no. of Employees for each department in the descending order.
13. Write an SQL query to show the second highest salary from a table.
14. Write an SQL query to fetch the list of employees with the same salary.
15. Write an SQL query to fetch the departments that have less than 2 people in it.
16. Write an SQL query to print the name of the employee having the highest salary in each department.
17. Write an SQL query to fetch departments along with the total salaries paid for each of them.
18. Display the details of the Employees who got promotion only after two years of joining.
19. Add a column called bonus_per(Percentage bonus) in the table job and set its default value to 15.5 %
20. Display the First name, salary and the bonus amount for all the Employees.