INDIAN SCHOOL MUSCAT
CLASS XI
INFORMATION TECHNOLOGY (802)
WORKSHEET -1
TOPIC : STRUCTURED QUERY LANGUAGE (MySQL)

Write MySQL Commands to perform the following and execute them

1. **Create a table EMPLOYEE with the following fields**
   EmpNo   integer
   Name   20 characters
   Dept   20 characters
   Salary   Decimal (10,2)

   Ensure that the following constraints are met :
   - **Empno is the Primary Key**
   - **Name is not null**
   - **Default value of salary is 2000**

2. **Insert the details of 5 employees.**

EMPNO	NAME	DEPT	SALARY
1002	Varun	Sales	30000
1003	Devesh	Accounts	34000
1004	Krishnan	Sales	25000
1005	Abdul	Stores	38000
1006	Arun	Production	35000

3. Display the structure and contents of the entire table.

4. Display in the following format
   Ajay gets a salary 2000   for the employees in Accounts Department.

5. Display the various departments from the table.

6. Add a Column bonus of data type Decimal(8,2).

7. Compute the bonus as 20% of the salary.

8. Add a Column NetPay of type Decimal(10,2).

9. Compute Netpay as salary + bonus.

10. Display the names of the employees whose salary is in the range 20,000 – 50,000.
11. Display the details of employees whose name ends with the letter 'n'.
12. Display the names of the employees whose name is starting with letter 'A'.
13. Display the department and salary of employees having exactly 5 letters in the name.
14. Display the details of employees who have the letter combination 'sh' in their name.
15. Change the data type of Dept to 12 characters.
16. Delete the details of the employees from Sales Department.
17. Drop the column Bonus from the table.
18. Delete the table