Database Management Systems (DBMS) - SQL using MySQL Server

Based on last week database (Practical 09), practice the following questions.

1. List the tables in your database.

2. List the data in your tables.

3. Who are the people working as project leaders?

4. How many employees have involved developing the product "Inventory Control system"?

5. Find the name of employees who are working on more than one project

6. Display the product names which have been worked by more than one employee..

7. Who are the analysts working in testing branch?

8. Find the name of employees whose basic salary is less than the salary project leaders.

9. Find the names and salaries of department managers who are working as project leaders.

10. Find the name and the salary of employee who earns the lowest salary.

11. List the names of employees who involved to develop the "Inventory Control System"

12. Find the product name vs number of employees worked on those.

13. Find the id of employees who worked more than the number of projects of E02.

14. The company is selling their products with 10% discount for the academic institutes and non-profitable organizations. Display the product names and prices with discount.

15. Company decided to give a 5 % increment to the basic salary for employees those who involved to develop the "**Payroll system**". Apply the necessary salary changes to your database.

16. Create a view called **managers** to find the name, salary and working department of managers.

17. List the details of managers using the above view.

18. Using above view increase the salary of managers by 10000.

19. Check the details of salaries of employees' from the employee detail table.

20. Create a view (called inventory) to find the name, designation and basic salary of employees who worked on the "Inventory control system".

21. Find the structure of above view.

22. Using the above view, display the name and designation of employees who worked on the "Inventory control system".

23. Create a new table (called Staff) using the existing employee details.

24. Create a new table (called **inv**) to store the name, designation and basic salary of employees who worked on the "Inventory control system".

25. Using a single update statement, change all department codes of the "Implementation" department available in the database.

26. Back your **Practical 09** database into prac9.sql. and Observe the contents exist in the prac9.sql file.

27. Drop the database **Practical 09** from mysql server.

28. Restore your database again using the prac9.sql

29. Using the **mysqldump** command, Backup the **Staff** table into a file called staff.sql

30. Check the contents in the backup file.

31. Rename the **staff** table as **staff_original**.

32. Restore it into your database.