

M.K.INSITITUTE OF COMPUTER STUDIES
BHARUCH
FYBCA- SEM II
ASSIGNMENT-2

Q:1 Create below tables with appropriate constrains and insert minimum 10 records in each table.

1) EmployeeMaster(Emp_No, Name, Job, Join_Date, Salary, commission, dept_no)

2) Department(Dept_No, Dept_name, Location)

Write appropriate SQL statements for the following.

1. Display all Employee information from EmployeeMaster.
2. Display all information about Department.
3. List the Emp_No, Name,job,join_date of employeeMaster in Dept_No=5.
4. Select the name and salary of all employee who are "Manager".
5. List the employees whose salary are less than 5000.
6. List of employee whose commission is greater than their salary.
7. List of employee who do not get commission.
8. List the name of employees whose Join date is month of December.
9. Find the employee name whose name length is 6 character.
10. Find the total number of clerk in department number=5.
11. Find the employee who are working in 'HR','IT', and 'MBA' department.
12. Display the name of employee whose name start with 'V' and end with 'L'.
13. Display the name of employee wo are getting maximum salary in each department.
14. List department wise total salary

15. List all the employee who are working in 'IT' department and having salary greater than 5000.

Q:2. Create following tables and apply appropriate constraints.

Student_Master (Rno, Name, Gender, DOB, Address, City, Division)

Stud_Assignment (Rno, Subject, Month, Tot_Asgnmt)

Stud_Attendance (Rno, Subject, Month, Total_Lec)

Constraints:

1. All fields in all the three tables can't be null. Insert atleast 10 records in the tables.
2. Division must be either 'I' or 'II'.
3. Month should be unique in both tables

Write appropriate SQL statements for the following.

1. Display Total no. of Girls and Boys of both divisions.
2. Display students who have submitted at least 5 assignments in any subject.
3. Display students who have not attended any lecture of 'OS' in January month.
4. Display total assignments of students of 'DBMS' subject for the month of February.
5. Display assignment and attendance details of students in 'DBMS' subject.
6. Display girls of Division I who have not submitted any assignment of 'Advance C' in March month.
7. Display boys of Division II who have not attended a single lecture of 'OB' in February month.
8. Display students who have submitted highest no. of assignments in 'DBMS'.
9. Display students who have attended minimum lectures in 'DBMS' in Division I.
10. Display student of Division II with highest attendance in 'Advance C' in March Month

Q:3 Create following tables and apply appropriate constraints. Insert atleast 8 records in each table.

Customer_Master (Cust_No, Cust_Name, City)

Branch_Master (Branch_Id, Branch_Name, City)

Loan_Master (Loan_Id, Loan_Type)

Cust_Branch_Loan (Cust_No, Loan_Id, Branch_Id, Loan_Amount)

Constraints:

1. Loan_Type must be Education, Personal or Home only.
2. All the fields can't be null.
3. Loan_Amount must be non-zero

Write appropriate SQL statements for the following.

1. Display Customer who borrowed loan from 'Station' branch of 'Pune' city.
2. Display Customers who belong to 'Mumbai' and borrowed loan from 'Pune' City.
3. Display Customer who borrowed loan of maximum amount from 'S.G.' branch of 'Baroda' City.
4. Display Customer who has not borrowed any loan.
5. Display city wise, branch wise total loans.
6. Display total customer of 'Mumbai' city having 'Home loan'.
7. Find out the customer from 'Surat' having at least two loans in any branch.
8. Display customer who borrowed 'Personal' loan of minimum amount.
9. Display customer whose name starts with "A".
10. Display customers who have taken loan of more than 50,000 Rs