**Assignment -9**

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| 1 | Create a view emp\_view having following columns empno,ename,deptno,sal, comm |
| 2 | Insert new employee having following information in the view (1111,'Geeta',20,10000,300) check the data inserted in the view as well as the base table. |
| 3 | Create a view for deptno 20 as emp\_v20 having following cloumns. This view should contain rows from dept20 only. empno,ename,deptno,job. |
| 4 | Insert new employee  in view emp\_v20 having following information (2222,'Raj',40,'Analyst')  check the data inserted in the base table emp and also in the view. |
| 5 | Create a view for deptno 20 as new\_emp\_v20 having following cloumns empno,ename,deptno,job with constraint 'check option' . |
| 6 | Insert below data in new\_emp\_v20 having following information (2222,'Raj',40,'Analyst') check the data inserted in the base table emp and also in the view. |
| 7 | Check all created views. |
| 8 | Create a view with columns as  empno,ename, deptno and dname. Check if you can enter the data in the above view. |
| 9 | Create index on any table and check the indexes using proper command. |

**Stored procedures**

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| 1 | Write a stored procedure which will find avg of all the salaries in the table. Display avg sal inside the procedure. |
| 2 | Write a stored procedure which will find avg salary of dept no 20. Display  avg salary out of the procedure. |
| 3 | Write a stored procedure which will find avg salary for any deptno passed to it.  Pass deptno as IN parameter and avg(sal) as out parameter. |
| 4 | Write a procedure to calculate total salary of an employee. Pass empno as a IN parameter to to procedure.  Total sal = sal +comm. |
| 5 | Pass any number to the procedure and check if it is a perfect number. If the number is perfect, procedure should set value of out parameter as 1 otherwise as 0. |
| 6 | Pass empno as a in parameter to the procedure. If empno is found in the table then, display corrosponding salary out of the procedure. If empno is not found in the table then, display 0 out of the parameter. |
| 7 | Write procedure 'prime' which will check if number passed to the procedure is prime. Procedure should display 1 if prime or 0 if nit prime. Use out parameter to display value out of the procedure and in parameter to pass value to the procedure. |

**Mixed Queries**

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| 1 | The HR department wants to know the names of all the employees who were hired after Blake. Create a query to display the name and hire date of any employee hired after employee  Blake. |
| 2 | Write a query to get  year, and number of employees joined each year. |
| 3 | Write a query to display all employees with experience more than 43 years. |
| 4 | Display 3rd highest salary. |
| 5 | Write a query which will display all employees working in sales department. |
| 6 | Write a query to display year if more than 2 employees are hired in that year. |