Course: DATABASE

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Lab-03

Task 1:

1. Run the following commands and understand their working .

```
ROUND (SYSDATE, 'MONTH')
ROUND ( SYSDATE, 'YEAR')
TRUNC (SYSDATE, 'MONTH')
TRUNC (SYSDATE, 'YEAR')
ROUND (194.382, 2)
ROUND(194.382, -2)
TRUNC (123.456, -2)
```

Task 2: Resolve all the following queries

1. Give names of employees as "Employee Names", hire date as "Hiring Date", number as "Employee Number", names of departments as "Department Name" of all employees that have manager 7698 and 67839 show data in ascending order on employee number basis.
2. Show commission as "BONUS" of all those employees whose Job is not equal to 'Clerk' OR 'Salesman'
3. Show all the departments id and EMPNO of all the employees whether they have no department id.(Hint: Use outer join)
4. Show cross join of employee and department table

5. Give the average of commission of all employees including employees with zero commission as "Including null values", also give average of commission of all employees with commission as "excluding null values.
6. Give output as job.emp_id works with emp.job_id (Hint : Self Join)
7. Count the number of employees in the Sales and Operations department. (Hint: Use joins)
8. Show the total salary distributed for employees of the Research Department.