**Assignment -10**

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| 1 | 2Write a function to calculate total salary of an employee. Call the function in the select clause.  total sal=sal+comm |
| 2 | Write a function to generate an email. Call the function in select clause.  email is generated as follows ​​​​​first 2 letters of name + last 2 letters of job @knowit.com. |
| 3 | Write a procedure which accepts job as a 'in' parameter .Write a function cal\_sal() which calculates maximum salary for the job. Function should return maximum salary to the procedure. Print max sal out of the procedure. |
| 4 | Write a cursor which will list all rows having deptno 20; |
| 5 | Write a cursor to increment salary as follows      Clerk 10 % rise      Manager 5% rise      Analyst 7% rise.     No rise given for other jobs. |
| 6 | Pass job as a parameter to procedure and display all employees working ​​​​​​​for the specified job using cursor. |
| 7 | Copy table emp as emp\_new  Add new column ‘award’ in emp\_new.  Write a cursor which will update award column as ‘YES’ if employee has experience > 42 years  And ‘NO’ if employee has experience <=42 years . Use cursor. |
| 8 | Consider following tables     product(pid,pname,price,qty)     product\_details(pid,amt)     amt =price \* qty Write a trigger which will calculate amt every time any update is done in the price of an item. |
| 9 | Consider following table    emp\_wage (eno, ename ,sal,over\_time)    eno : pk auto inc Write a trigger which will insert over\_time as 400 if value over\_time entered is null. |
| 10 | Consider following table       order\_master(oid,pname,qty,price)       oid : pk auto inc       order\_log(oid,odate,amt) Write a trigger which will create a log of all orders once order is placed. |
| 11 | Consider following table       cust\_master(cid,cname,accno,city)      cust\_details(cid,deleted\_date) Write a trigger which will save the information of deleted customer in cust\_details table. |
| 12 | Try all triggers done in the class |
| 13 | Send any number to the procedure. Pass this number to the function. Function should return 1 if the number is prime or 0 if the number is not prime. Return value to the procedure. And display 1 or 0. |

**Mixed queries …if time permits**

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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. |