



INDIAN SCHOOL DARSAIT DEPARTMENT OF ICT



Subject: Computer Science **Topic:** SQL(UPDATE, ALTER, DROP) **Lab Worksheet No.:**3

Resource Person: Roilet Noronha

Date:_____

Name of the Student :_____ **Class &Div:** XI A **Roll Number :**____

1. Create the following table, insert records and perform the queries:

Table: Empl

empno	ename	job	mgr	hiredate	sal	comm
8369	SMITH	CLERK	8902	1990-12-18	800.00	NULL
8499	ANYA	SALESMAN	8698	1991-02-20	1600.00	300.00
8521	SETH	SALESMAN	8698	1991-02-22	1250.00	500.00
8566	MAHADEVAN	MANAGER	8839	1991-04-02	2985.00	NULL
8654	MOMIN	SALESMAN	8698	1991-09-28	1250.00	1400.00
8698	BINA	MANAGER	8839	1991-05-01	2850.00	NULL
8882	SHIVANSH	MANAGER	8839	1991-06-09	2450.00	NULL
8888	SCOTT	ANALYST	8566	1992-12-09	3000.00	NULL
8839	AMIR	PRESIDENT	NULL	1991-11-18	5000.00	NULL
8844	KULDEEP	SALESMAN	8698	1991-09-08	1500.00	0.00

- a) Increase the salary of employee by 10% in Empl table.
- b) Give commission of Rs 500 to all employees who joined in year 1982 in Empl table
- c) Modify table Empl, add another column called Grade of VARCHAR type size 1 into it.
- d) In the added column Grade, assign grade as follows.
 - if sal is in range 0-2000 then Grade is 1
 - If sal is in range 2001-3000 then Grade is 2
 - If sal is in range 3001 or higher then Grade is 3
- e) Modify the definition of column Grade. Increase its size to 2.

2. a) Create table CUSTOMER as per following Table structure.

Column Name	CustID	CustName	CustAdd1	CustAdd2	CustPhone
Data Type	NUMBER	VARCHAR	VARCHAR	VARCHAR	VARCHAR
Length	7	30	20	30	10

- b) Add one column Email of data type VARCHAR and size 30 to table Customer.
- c) Add one more column CustIncomeGroup of data type VARCHAR(10).
- d) Insert few records with relevant information in the Customer table.
- e) Drop the column CustomerIncomeGroup from table Customer