**PRACTICAL - 1**

**Aim:** Create Different Tables

**Theoretical Description:**

1) Create a schema for the bank that wants to keep the records of different Job

profile along with associated employee and their related information. Bank also

wants to keep the records of their account and loan related customer separately

in their database.

2) Create a schema for a new bank that wants to copy the entire structure from an

existing bank schema without data. It also wants to delete some of the copied

structure and alter the structure based on new nomenclature.

**Query-1:** Create Table Job (job\_id, job\_title, min\_sal, max\_sal)

**SQL Statement:**

Create Table Job(job\_id Varchar2(15), job\_title Varchar2(30), min\_sal Number(7,2), max\_sal Number(7,2));

select \* from job;

**Output:** Job table created.

**Query-2:** Create table Employee**.**

**SQL Statement:** Create Table Employee(emp\_no Number,emp\_name Varchar2(30),emp\_sal Number(\*,2),emp\_comm Number(6,1),dept\_no Number(3));

**Output:** Employee table created.

**Query-3:** Create table deposit.

**SQL Statement:** Create table deposit(a\_no Varchar2(20),cname Varchar2(30),bname Varchar2(10),amount Number(7,2),a\_date DATE);

**Output:** deposit table created.

**Query-4:** Create table borrow.

**SQL Statement:** Create table borrow(loanno Varchar2(5),cname Varchar2(30),bname Varchar2(10),amount Number(\*,2));

**Output:** borrow table created.

**Query-5:** Describe table Job,employee,deposit.

**SQL Statement:**

desc Job;

desc Employee;

desc deposit;

desc borrow;

**Output:** value inserted.

**Query-6:** Insert following values in the table Employee.

**SQL Statement:** INSERT INTO Employee(emp\_no, emp\_name, emp\_sal, emp\_comm, dept\_no) VALUES (101, 'Smith', 800, 5, 20),

INSERT INTO Employee VALUES(102, 'Snehal', 1600, 300, 25);

INSERT INTO Employee VALUES(103, 'Adama', 1100, 0, 20);

INSERT INTO Employee VALUES(104, 'Aman', 3000, 7, 15);

INSERT INTO Employee VALUES(105, 'Anita', 5000, 50000, 10);

INSERT INTO Employee VALUES(106, 'Sneha', 2450, 24500, 10);

INSERT INTO Employee VALUES(107, 'Anamika', 2975, 77, 30);

select \* from employee;

**Output:** value inserted.

**Query-7**: Insert following values in the table job.

**SQL Statement:**

INSERT ALL

INTO Job (job\_id, job\_title , min\_sal , max\_sal) values('IT\_PROG', 'Programmer', 4000, 10000)

INTO Job (job\_id, job\_title , min\_sal , max\_sal) values('MK\_MGR', 'Marketing manager', 9000, 15000)

INTO Job (job\_id, job\_title , min\_sal , max\_sal) values('FI\_MGR', 'Finance manager', 8200, 12000)

INTO Job (job\_id, job\_title , min\_sal , max\_sal) values('FI\_ACC', 'Account', 4200, 9000)

INTO Job (job\_id, job\_title , min\_sal , max\_sal) values('LEC', 'Lecturer', 6000, 17000)

INTO Job (job\_id, job\_title , min\_sal , max\_sal) values('COMP\_OP', 'Computer Operator', 1500, 3000)

SELECT \* FROM dual

**Output:** value inserted.

**Query-8:** Insert following values in the table deposit.

**SQL Statement:**

INSERT INTO deposit

values(&A\_no,'&cname','&Bname',&Amount,'&date');

select \* from deposit;

**Output:** value inserted.