**Create Tables Code**

CREATE TABLE Departments (

dept\_no Int,

dept\_name VARCHAR,

from\_date date,

to\_date date

);

CREATE TABLE Dept\_Emp (

emp\_no Serial,

dept\_no Int,

dept\_name VARCHAR

);

CREATE TABLE Dept\_Manager(

dept\_no int,

emp\_no Int,

from\_date date,

to\_date date

);

CREATE TABLE Employees(

emp\_no Int,

birth\_date date,

first\_name VARCHAR,

last\_name VARCHAR,

gender VARCHAR,

hire\_date date,

salaries int

);

CREATE TABLE Titles (

emp\_no Int,

title VARCHAR,

from\_date date,

to\_date date

);

CREATE TABLE Salaries(

emp\_no Int,

salary Int,

from\_date date,

to\_date date

);

**--Query Code – Data Analysis**

--#1 - Print employee number, last name, first name, gender, and salary

SELECT \* FROM Employees;

-- #2 - Hired in 1986

SELECT first\_name, last\_name

FROM Employees WHERE hire\_date = ‘1986’;

--#3 - Manager of each department with - department number, department name, the manager's employee number, last name, first name, and start and end employment dates.

SELECT Titles.title, Titles.emp\_no, Employees.first\_name, Employees.last\_name

FROM Employees

INNER JOIN Titles ON

Titles.emp\_no=Employees.emp\_no;

SELECT Departments.dept\_no Departments.dept\_name, Dept\_Emp.from\_date, Dept\_Emp.to\_date

FROM Dept\_Emp

INNER JOIN Departments ON

Departments.dept\_no=Dept\_Emp.dept\_no;

SELECT Department.dept\_name, emp\_no FROM Titles WHERE title=’Manager’;

SELECT dept\_no, dept\_name FROM Departments

SELECT last\_name, first\_name FROM Employees WHERE

emp\_no,

FROM Titles WHERE title = ‘Manager’

--#4 – List Dept of each employee

--#5 - First name “Hercules’…

SELECT first\_name FROM Employees WHERE first\_name=”Hercules” AND last\_name=”B\_”

--#6 – List of Sales Department Employees

SELECT \*