Assignment–9

(A) Create the following tables.

Create Table Job (job_id, job_title, min_sal, max_sal)

COLUMN NAME	DATA TYPE
job_id	Varchar2(15)
job_title	Varchar2(30)
min_sal	Number(7,2)
max_sal	Number(7,2)

Create table Employee (emp_no, emp_name, emp_sal, emp_comm, dept_no)

COLUMN NAME	DATA TYPE
emp_no	Number(3)
emp_name	Varchar2(30)
emp_sal	Number(8,2)
emp_comm	Number(6,1)
dept_no	Number(3)

Create table deposit(a_no,cname,bname,amount,a_date)

COLUMN NAME	DATA TYPE
a_no	Varchar2(5)
cname	Varchar2(15)
bname	Varchar2(10)
amount	Number(7,2)
a_date	Date

(B) Insert the following data inside the tables.

Data for JOB table:

job_id	job_name	min_sal	max_sal
IT_PROG	Programmer	4000	10000
MK_MGR	Marketing manager	9000	15000
FI_MGR	Finance manager	8200	12000
FI_ACC	Account	4200	9000
LEC	Lecturer	6000	17000
COMP_OP	Computer Operator	1500	3000

Data for EMPLOYEE table:

emp_no	emp_name	emp_sal	emp_comm	dept_no
101	Smith	800		20
102	Snehal	1600	300	25
103	Adama	1100	0	20
104	Aman	3000		15
105	Anita	5000	50,000	10
106	Sneha	2450	24,500	10
107	Anamika	2975		30

Data for DEPOSIT table:

A_no	cname	Bname	Amount	date
101	Anil	andheri	7000	01-jan-06
102	sunil	virar	5000	15-jul-06
103	jay	villeparle	6500	12-mar-06
104	vijay	andheri	8000	17-sep-06
105	keyur	dadar	7500	19-nov-06
106	mayur	borivali	5500	21-dec-06

(C) On the give tables perform the following queries.

(1) Retrieve all data from employee, jobs and deposit.

(2) Give details of account no. and deposited rupees of customers having account opened between dates 01-01-06 and 25-07-06.

(3) Display all jobs with minimum salary is greater than 4000.

(4) Display name and salary of employee whose department no is 20.

(5) Display employee no,name and department details of those employee whose department lies in(10,20)

(6) Display all employee whose name start with 'A' and third character is 'a'.

(7) Display name, number and salary of those employees whose name is 5 characters long and first three characters are 'Ani'.

(8) Display the details of employee whose name second character should be 'n' and string should be 5 characters long.

(9) Create table supplier from employee with all the columns.

(10) Create table sup1 from employee with first two columns.

(11) Create table sup2 from employee with no data.

(12) Delete all the rows from sup1.

(13) Delete the detail of supplier whose sup_no is 103.

(14) Rename the table sup2.

(15) Destroy table sup1 with all the data.

(16) Update the value dept_no to 10 where second character of emp. name is 'm'.

(17) Update the value of employee name whose employee number is 103.

(18) For each employee, display the employee number, employee name, salary, and salary increased by 15% and expressed as a whole number. Label the column New Salary

(19) Write a query that displays the employee's names with the first letter capitalized and all other letters lowercase, and the length of the names, for all employees whose name starts with J, A, or M. (20) Write a query that produces the following for each employee: <employee last name> earns <salary> monthly.

(21) Display the hiredate of emp in a format that appears as Seventh of June 1994 12:00:00 AM.

(22) Write a query to calculate the annual compensation of all employees (sal+comm.).

(23) Write a query to display the last name, department number, and department name for all employees.

(25) Display the highest, lowest, sum, and average salary of all employees. Label the columns Maximum, Minimum, Sum, and Average, respectively. Round your results to the nearest whole number.

(26) Write a query that displays the difference between the highest and lowest salaries. Label the column DIFFERENCE.

(27) Create a query to display the employee numbers and last names of all employees who earn more than the average salary.

(28) Display the department number, name, and job for every employee in the Accounting department

(29) List the name of branch having highest number of depositors.

(30) Give 10% interest to all depositors.