**Sheet-3**

1. **increase the salary by 10% for employees whose salary is below 3000.**
2. **Create table with name of emp2 creation command is (create table emp2 (id number, ename varchar2 (50), salary number) populate the emp2 table using a select statement from the emp table for the employees in department 20 .**
3. **Create the DEPARTMENT table based on the following table instance chart. Confirm that the table is created.**

|  |  |  |
| --- | --- | --- |
| **COLUMN NAME** | **ID** | **NAME** |
| **Default value** | **1** | **Not available** |
| **DATATYPE** | **Number** | **Varchar2** |
| **LENGTH** | **7** | **25** |

1. **Populate the DEPARTMENT table with data from dept table. Include only columns that you need.**
2. **Add column location to table department.**

1. **Truncate table department.**
2. **Create table employee based on the structure of the EMP table. Include only the EMPNO, ENAME,sal and DEPTNO columns**

**Empno Primary key**

#### Ename unique

#### Deptno fk for table department.

1. **Add a check constraint on column Salary (salary is in (1000, 1500, 2000 or 2500)). And test if it is work or not.**
2. **Drop the check constraint that has been created in step (e).**

**Alter table employee drop check\_chk**

1. **Create a view called EMP\_VU based on the employee number, employee name, and department number from the EMP table. Change the heading for the employee name to EMPLOYEE**
2. **Modify the EMP\_VU view to display the employees in department 20. Note: the view can’t be used to manipulate the employees in departments other than 20.**
3. **Create a sequence to be used with the primary key column of the DEPARTMENT table. The sequence should start at 60 and have a maximum value of 200. Have your sequence increment by ten numbers. Name the sequence DEPT\_ID\_SEQ.**
4. **Create a non-unique index on the foreign key column (dept\_id) in the employee table.**