**Create the following tables with the given structure.**

**EMPLOYEES TABLE**

**NAME NULL? TYPE**

**Employee\_id Not null Number(6)**

**First\_Name Varchar(20)**

**Last\_Name Not null Varchar(25)**

**Email Not null Varchar(25)**

**Phone\_Number Varchar(20)**

**Hire\_date Not null Date**

**Job\_id Not null Varchar(10)**

**Salary Number(8,2)**

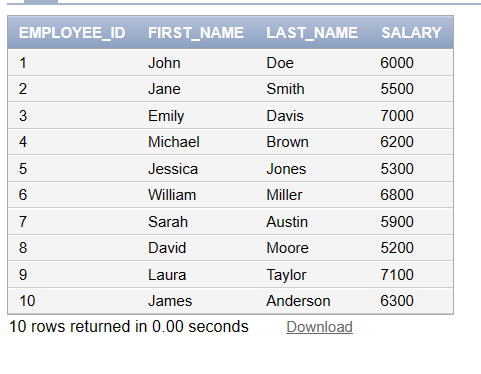
**Commission\_pct Number(2,2)**

**Manager\_id Number(6)**

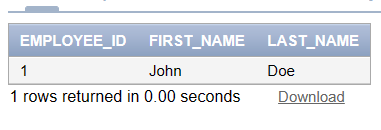
**Department\_id Number(4)**

**(a) Find out the employee id, names, salaries of all the employees**

**SELECT Employee\_id, First\_Name, Last\_Name, Salary FROM EMPLOYEE;**

****

**(b) List out the employees who works under manager 100**

****

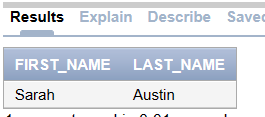
**(c) Find the names of the employees who have a salary greater than or equal to 4800**

**SELECT First\_Name, Last\_Name FROM EMPLOYEE WHERE Salary >= 4800;**

****

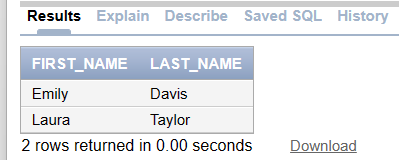
**(d) List out the employees whose last name is ̳AUSTIN‘**

**SELECT First\_Name, Last\_Name FROM EMPLOYEE WHERE Last\_Name = 'AUSTIN';**

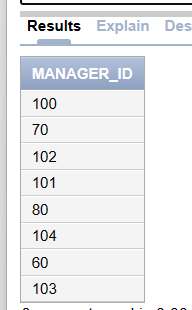
****

**(e) Find the names of the employees who works in departments 30,70 and 80**

**SELECT First\_Name, Last\_Name FROM EMPLOYEE WHERE Department\_id IN (30, 70, 80);**

****

**(f ) Display the unique Manager\_Id.**

****

**Create an Emp table with the following fields: (EmpNo, EmpName, Job,Basic, DA, HRA,PF,**

**GrossPay, NetPay) (Calculate DA as 30% of Basic and HRA as 40% of Basic)**

**(a) Insert Five Records and calculate GrossPay and NetPay.**

**(b) Display the employees whose Basic is lowest in each department.**

**(c) If Net Pay is less than**

**DEPARTMENT TABLE**

**NAME NULL? TYPE**

**Dept\_id Not null Number(6)**

**Dept\_name Not null Varchar(20)**

**Manager\_id Number(6)**

**Location\_id Number(4)**

**JOB\_GRADE TABLE**

**NAME NULL? TYPE**

**Grade\_level Varchar(2)**

**Lowest\_sal Number**

**Highest\_sal Number**

**LOCATION TABLE**

**NAME NULL? TYPE**

**Location\_id Not null Number(4)**

**St\_addr Varchar(40)**

**Postal\_code Varchar(12)**

**City Not null Varchar(30)**

**State\_province Varchar(25)**

**Country\_id Char(2)**

**1. Create the DEPT table based on the DEPARTMENT following the table instance chart**

**below. Confirm that the table is created.**

**Column name ID NAME**

**Key Type**

**Nulls/Unique**

**FK table**

**FK column**

**Data Type Number Varchar2**

**Length 7 25**

**2. Create the EMP table based on the following instance chart. Confirm that the table is**

**created.**

**Column name ID LAST\_NAME FIRST\_NAME DEPT\_ID**

**Key Type**

**Nulls/Unique**

**FK table**

**FK column**

**Data Type Number Varchar2 Varchar2 Number**

**Length 7 25 25 7**

**3 Modify the EMP table to allow for longer employee last names. Confirm the**

**modification.(Hint: Increase the size to 50)**

**4 Create the EMPLOYEES2 table based on the structure of EMPLOYEES table. Include**

**Only the Employee\_id, First\_name, Last\_name, Salary and Dept\_id coloumns. Name the**

**columns Id, First\_name, Last\_name, salary and Dept\_id respectively.**

**5 Drop the EMP table.**

**6 Rename the EMPLOYEES2 table as EMP.**

**7 Add a comment on DEPT and EMP tables. Confirm the modification by describing the**

**table.**

**8 Drop the First\_name column from the EMP table and confirm it.**