**-- 1st Ans -- Show the employee names and corresponding job\_titles without using JOIN query**

**SELECT** EMPLOYEE\_ID, FIRST\_NAME ,

(**SELECT** JOB\_TITLE

**FROM** JOBS

**WHERE** EMPLOYEES.JOB\_ID = JOBS.JOB\_ID) **AS** JOB\_TITLE

**FROM** EMPLOYEES

**ORDER** **BY** EMPLOYEE\_ID **ASC**;

**SELECT** EMP.EMPLOYEE\_ID, EMP.FIRST\_NAME, JOBS.JOB\_TITLE

**FROM** EMPLOYEES **AS** EMP

**LEFT JOIN** JOBS

**ON** EMP.JOB\_ID **=** JOBS.JOB\_ID

**ORDER BY** EMP.EMPLOYEE\_ID **ASC**;

**-- 3RD ANS -- Show the name of the employee and the job\_title who receives the maximum salary**

**SELECT** FIRST\_NAME , JOB\_TITLE, SALARY

**FROM** employees

**JOIN** jobs

**ON** employees.job\_id = jobs.job\_id

**WHERE** salary = (**SELECT MAX**(salary) **FROM** employees);

**-- 4th ans -- Show the list of employee name and corresponding manager names**

**SELECT** EMP.first\_name ,

(**SELECT** first\_name

**FROM** employees **AS** M

**WHERE** EMP.manager\_id = M.employee\_id) **AS** Manager

**FROM** employees **AS** EMP;

-- Key Optimizations: --

**SELECT** E.first\_name, M.first\_name **AS** Manager

**FROM** employees **AS** E

**LEFT JOIN** employees **AS** M

**ON** E.manager\_id = M.employee\_id;