

Assignment 1

- 1) Display the structure of the departments, location and regions table and its contents.
- 2) Display the last_name, job_id, hire_date and employee_id for each employee.
Provide an alias Startdate to hire_date column.
Provide an alias Emp # to employee_id column.
Provide an alias "Emp Name" to last_name column.
Provide an alias Job to job_id column.
Save your sql statement in q1.sql file.
Execute this statement again by using the file q1.sql.
- 3) Display all unique department_id from employees table.
- 4) Display the last_name concatenated with job_id separated by comma and space and name the column Employee and Title.
- 5) Display all the data from employees table. Separate each column output by comma named the column "Employee Details"
- 6) Display the first_name and salary of each employee who earn more than 15000.
- 7) Display the first_name and department_id of employee whose employee_id is 176.
- 8) Display the first_name and salary of each employee whose salary is not in the range 10000 to 25000.
- 9) Display last_name, job_id, hire_date for employees with last_name of 'Matos' and 'Taylor'. Order the result in ascending order by hire_date.
- 10) Display the first_name, manager_id, department_id from employees in departments 20 or 50 in descending order by last_name
- 11) Display the last_name and salary of each employee who earn between 10000 to 20000 and are in department 20 or 50. Label the column Employee and Monthly Salary.
- 12) Display the first_name and hire_date who were hired in 2007.
- 13) Display the first_name and job_id of each employee who do not have any manager.
- 14) Display the first_name, commission_pct and salary of each employee who earn commission. Sort the data in ascending order by salary, then descending order by commission.
- 15) Create the query that prompt user to enter salary amount.
Display the last_name and salary of employees who earn more than an amount that user specifies.
- 16) Create the query that prompt user to enter manager_id and display

manager_id,employee_id,last_name and salary for that manager_id and also provide the facility to sort the report on selected column.

- 17) Display the last_name of all employees whose third letter is 'a' .
- 18) Display the last_name of all employees who have both 'a' and 'e' in their last_name .
- 19) Display the last_name,job and salary for all employees whose jobs are either SA_REP or ST_CLERK and whose salaries are not equal to 2500,3500 or 7000
- 20) Display the last_name and commission_pct of all employees whose commission is 20% .
- 21) Display the system date name the column as Date.
- 22) Display the employee_id,last_name,salary and salary increased by 16.5%(round by zero decimal) for all employees. Label this new column as “New Salary”
- 23) In query no 22 display the increase in salary(new salary-old salary) and label this column as increase.
- 24) Display the last_name(First letter uppercase and all the other letters in lowercase) and length of the last_name for all the employees whose name starts with letter 'J' 'A' or 'M' and sort the result by last_name.
- 25) Run query no 24 by asking first letter from the user that starts the last_name(case sensitive).
- 26) Run query no 24 by asking first letter from the user that starts the last_name(not case sensitive).
- 27) calculate the no of months(whole number) the employees was hired. Label the column as “Months_Worked” and sort the result by No of months.
- 28) Display the last_name and salary of all employees. Format the salary must be 15 chars long left padded with \$ symbol.
- 29) Display the last_name and salary(the amount of the salary with *). Each * signifies the 1000 and sort the result in descending order of salary.

If salary is 5000 then 5 ***** should be displayed
If salary is 6000 then 6 ***** should be displayed
- 30) Display the last_name and no of weeks employed for employees in department 90. name this column as 'TENURE' and sort the result in descending order of 'TENURE'.
- 31) Display the following sentence for all the employees in proper format with \$ sign.
(last_name) earns (salary) monthly but wants (3 time salary)(label this column as Dream Salary)
- 32) Display last_name,salary,hire_date and review date which is the first monday after six months of service. Label the column Review. Format the date “Monday, The Thirty First of July,2000”

33) Display the last_name and commission if employee does not have commission then display no commission.

34) Display the grade of employees based on the following data.
Use all (case expression,search case expression and decode) for this example.

Job	Grade
AD_PRES	A
ST_MAN	B
IT_PROG	C
SA_REP	D
ST_CLERK	E
None of the Above	O

35) Display the highest,lowest,sum and average salary of all employees. Lable the column as Maximum, Minimum,Sum and Average respectively.Round your result the nearest whole number.

36) Display the highest,lowest,sum and average salary of all employees whose job_id entered by user.

37) Display the no of managers in the employee table.

38) Display the difference between the highest and lowest salary from employees table.

39) Display the manager_id and salary of the lowest paid employee for that manager. Exclude any one whose manager is not known. Excludes any group where the minimum salary is 6000 or less. Sort the ouput in descening order of salary.

40) Display the Total no of employees, and of that total, the no of employees hired in 2005,2006,2007,2008. Give proper headings.