1. *Display the Name and Title of the Employee who do not have a manager.*

*SELECT Empno, Ename, Job, Sal,mgr FROM Emp WHERE Empno NOT IN (SELECT DISTINCT MGR FROM Emp WHERE MGR IS NOT NULL);*

*+-------+--------+----------+---------+------+*

*| Empno | Ename | Job | Sal | mgr |*

*+-------+--------+----------+---------+------+*

*| 7369 | SMITH | CLERK | 800.00 | 7902 |*

*| 7415 | AARAV | CLERK | 3350.00 | 7902 |*

*| 7421 | THOMAS | CLERK | 1750.00 | 7920 |*

*| 7499 | ALLEN | SALESMAN | 1600.00 | 7698 |*

*| 7521 | WARD | SALESMAN | 1250.00 | 7698 |*

*| 7654 | MARTIN | SALESMAN | 1250.00 | 7698 |*

*| 7844 | TURNER | SALESMAN | 1500.00 | 7698 |*

*| 7876 | ADAMS | CLERK | 1100.00 | 7788 |*

*| 7900 | JAMES | CLERK | 950.00 | 7698 |*

*| 7934 | MILLER | CLERK | 1300.00 | 7782 |*

*| 7945 | AARUSH | SALESMAN | 1350.00 | 7902 |*

*| 7949 | ALEX | MANAGER | 1250.00 | 7698 |*

*+-------+--------+----------+---------+------+*

*12 rows in set (0.01 sec)*

1. *The sales department is simplifying the pricing policy for all products. The new base price is increasing by the lesser of 0.5 %. Analyze the difference in the two prices.*
2. *Display the employee details who have joined on the same day when KING has joined.*
3. *Find out the difference between maximum salary and salary earned by employee in deptno 10.*
4. *Find out the difference in Rs. Between average earning of dept 20 and 30.*
5. *Display name, salary, comm. For employee whose comm. > 5% of salary.*
6. *Find out the employees whose salary is less than the average salary for dept 20.*
7. *Display information of employee who has no people reporting to them.*
8. *Display information of employees who is having maximum number of people reporting to them.*
9. *Give a query to concatenate empno, ename and mgr with spaces between.*
10. *List the employee who is hired the earliest and least.*
11. *What length of longest ename and by how many characters is it long than its nearest one?*
12. *Which employees earn less than 30% of president s salary?*
13. *List the department spending highest on salary.*
14. *List the department having least number of staff.*
15. *List the department having neither the highest not the lowest of avg salary.*
16. *Display details of all employees as Mr. Ford works under <manger name>.*
17. *Display employee information who have joined the organization before 'BLAKE'*
18. *Display employee information that has joined the organization before their subordinates.*
19. *List the employee (s) who earns the highest.*
20. *List the mgr in dept 10 along with their dept details as well manager refers to anyone to whom at least 1 person reports.*
21. *In which year did the most people join the organization? Display the year and the number of employees.*
22. *List number, name, job, manager number and manger’s job of each employee reporting to them*
23. *Display information about employees who have the maximum number of employees reporting to him*
24. *Display the details of all employees who report to BLAKE*
25. *Display the department no of all departments having more than 1 clerks*
26. *Which employees earn less than 30% of the president’s salary.*
27. *Display all employee names and the locations of their departments except ‘CHICAGO’*
28. *Display department that has no employees*
29. *Display the products purchased by JOCK SPORTS which are not purchased by JUST TENNIS*
30. *Write a query to find out the employees who are first to join their departments*
31. *Create a query to display the name, hiredate, and salary for all employees who have both the same salary and commission as Scott.*
32. *List all the employees who have at least one person reporting to them.*
33. *List the name of the employees with their immediate higher authority.*
34. *List all the employees who do not manage any one.*
35. *Write a query to display a ‘\*’ against the row of the most recently hired employee.*
36. *Write a correlated sub-query to list out the employees who earn more than the average salary of their department.*
37. *Find the 2nd maximum salary.*
38. *Select the duplicate records (Records, which are inserted, that already exist) in the EMP table.*
39. *List the Employees in Deptno 10 other than King.*