* 1. Select ENO,ENAME,JOB\_TYPE,HIRE\_DATE from employee2023;
* 2. Select DISTINCT JOB\_TYPE from employee2023;
* 3. Select ENAME||’,’||JOB\_TYPE from employee2023;
* 4. Select ENO||’,’||ENAME||’,’||JOB\_TYPE||’,’||SUPERVISIONENO||’,’||HIRE\_DATE||’,’||DNO||’,’||COMMISSION||’,’||SALARY as THE\_OUTPUT from employee2023;
* 5. Select ENAME,SALARY from employee2023 where salary + commission>2850;
* 6. Select ENAME,DNO from employee2023 where ENO=79;
* 7. Select ENAME,Salary from employee2023 where salary not between 1500 and 2850;
* 8. Select ENAME,DNO from employee2023 where DNO in (10,30) order by Ename;
* 9. Select ENAME,HIRE\_DATE from employee2023 where to\_char(HIRE\_DATE,’yyyy’)= 1981;
* 10. Select ENAME,JOB\_TYPE from employee2023 where SUPERVISIONENO is NULL;
* 11. Select ENAME,SALARY,COMMISSION from employee2023 where COMMISSION is NOT NULL;
* 12. Select \* from employee2023 order by salary desc, commission desc;
* 13. Select ENAME from employee2023 where UPPER(ENAME) like ‘\_\_A%’;
* 14. Select ENAME from employee2023 where (UPPER(ENAME) like ‘%R%R%’ or UPPER(ENAME) like ‘%A%A%’) and (DNO=30 or SUPERVISIONENO=7788);
* 15. Select ENAME,Salary,Commission from employee2023 where Commission > (Salary + (Salary/20));
* 16. Select CURRENT\_DATE as Current\_Date, to\_char(CURRENT\_DATE,’Day’) as Day\_name from dual;
* 17. SELECT ename,HIRE\_DATE,NEXT\_DAY(ADD\_MONTHS( Hire\_date, 6 ),’Monday’) as “Salary Review Date” from employee2023;
* 18. Select ename, trunc(Months\_Between(HIRE\_DATE,current\_Date)) as Number\_OF\_Month from employee2023 ,department2023 where employee2023.dno=department2023.dno and Dname=’PURCHASE’.
* 19. Select ename||’ earns ‘||salary||’ monthly but wants ‘||3\*salary as Dream\_Salary from employee2023;
* 20. SELECT UPPER(SUBSTR(ENAME,1,1)) || LOWER(SUBSTR(ENAME,2)) AS NAME, LENGTH(ENAME) AS LENGTH FROM EMPLOYEE2023 WHERE ENAME LIKE ‘J%’ OR ENAME LIKE ‘A%’ OR ENAME LIKE ‘M%’;
* 21. Select Ename, Hire\_date, to\_char(Hire\_date,’Day’) as “DAY” from Employee2023;
* 22. Select Ename, DName, D.Dno from Employee2023 E,Department2023 D where E.Dno=D.Dno;
* 23. Select Distinct Job\_type from Employee2023 where Dno=30;
* 24. Select EName, DName from Employee2023 E,Department2023 D where E.Dno=D.Dno and EName like ‘%A%’;
* 25. Select EName, Job\_Type, D.DNo ,DName from Employee2023 E,Department2023 D where E.Dno=D.Dno and location=’DALLAS’;
* 26. Select E1.EName , E1.Eno, E1.SuperVisionENO AS “Supervisor ENO”,E2.ENAME “Supervisor Name” from Employee2023 E1,Employee2023 E2 where E1.SupervisionENO=E2.Eno UNION Select EName, ENO, ‘NO SUPERVISOR’, NULL from Employee2023 where SupervisionEno is NULL;
* 27. Select E1.Ename,E1.Dno,E1.Salary from employee2023 E1 , employee2023 E2 where E1.Eno!= E2.Eno and E1.Dno=E2.DNo and E1.salary=E2.salary and E2.Commission is not NULL;
* 28. SELECT ENAME, RPAD('\*',SALARY/100,'\*') AS SALARY FROM EMPLOYEE2023;
* 29. SELECT MAX(SALARY) ,MIN(SALARY) ,SUM(SALARY) ,AVG(SALARY) FROM EMPLOYEE2023;
* 30. SELECT Job\_Type, Count(\*) AS "NUMBER OF EMPLOYEE" FROM EMPLOYEE2023 Group by JOB\_TYPE;
* 31. SELECT COUNT(DISTINCT SupervisionENO) AS "Number OF Supervisor" from Employee2023 where SupervisionEno is not NULL;
* 32. SELECT Dname, Location,count(\*) as "Number of Employee",avg(Salary) AS "Average salary" from employee2023 E,Department2023 D where E.DNo=D.DNo Group By Dname,Location;
* 33. SELECT Ename, HIRE\_DATE from employee2023 where EName!='BLAKE' and Dno in( SELECT DNo from Employee2023 where Ename='BLAKE');
* 34. SELECT Eno,Ename FROM employee2023 WHERE Salary > (Select AVG(Salary) FROM employee2023);
* 35. SELECT Eno, Ename FROM employee2023 WHERE DNO in (SELECT Dno from employee2023 where Ename like '%T%');
* 36. Select EName,Salary from employee2023 where SupervisionEno in(Select ENo from employee2023 Where Ename='KING');
* 37. Select DNo,EName,JOB\_TYPE from employee2023 where Dno in(Select DNo from department2023 Where Dname='SALES');
* 38. Select EName,DName from employee2023 E ,Department2023 D where E.Dno=D.Dno and (to\_char(current\_Date,'yyyy')to\_char(hire\_date,'yyyy')) >20;
* 39. Select Location, Count(\*) as "Number of Department" from department2023 group by location;
* 40. Select DName, Count(\*) as "Number of Employee" from Employee2023 E,department2023 D where E.Dno=D.DNo group by DName having count(\*)>20;
* 41. Select Ename from employee2023 where Eno not in(Select distinct SupervisionENo from employee2023 Where SupervisionEno is not null) UNION Select Ename from employee2023 where Eno in(select SupervisionEno from Employee2023 Group by SupervisionEno having count(\*)>5 );
* 42. Select Job\_type from Employee2023 group by JOb\_type having Count(\*) in (Select MAX(Count(\*)) from Employee2023 group by JOB\_TYPE) or Count(\*) in (Select MIN(Count(\*)) from Employee2023 group by JOB\_TYPE);