**1. Selectati toate informatiile din tabela SALGRADE.**

 GRADE LOSAL HISAL

 ----- ----- -----

 1 700 1200

 2 1201 1400

 3 1401 2000

 4 2001 3000

 5 3001 9999

 **2. Selectati toate informatiile din tabela EMP.**

 EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

 ----- ----- ------- ---- -------- -------- ------- ------

 7369 SMITH CLERK 7902 13-JUN-83 800.00 20

 7499 ALLEN SALESMAN 7698 15-AUG-83 1,600.00 300.00 30

 7521 WARD SALESMAN 7698 26-MAR-84 1,250.00 500.00 30

 7566 JONES MANAGER 7839 31-OCT-83 2,975.00 20

 7654 MARTIN SALESMAN 7698 05-DEC-83 1,250.00 1,400.00 30

 7698 BLAKE MANAGER 7839 11-JUL-84 2,850.00 30

 7782 CLARK MANAGER 7839 14-MAY-84 2,450.00 10

 7788 SCOTT ANALYST 7566 05-MAR-84 3,000.00 20

 7839 KING PRESIDENT 09-JUL-84 5,000.00 10

 7844 TURNER SALESMAN 7698 04-JUN-84 1,500.00 .00 30

 7876 ADAMS CLERK 7788 04-JUN-84 1,100.00 20

 7900 JAMES CLERK 7698 23-JUL-84 950.00 30

 7902 FORD ANALYST 7566 05-DEC-83 3,000.00 20

 7934 MILLER CLERK 7782 21-NOV-83 1,300.00 10

 14 inregistrari selectate.

 **3. Listati toti angajatii care au salariul intre 1000 si 2000.**

 ENAME DEPTNO SAL

 ----- ------ --------

 ALLEN 30 1,600.00

 WARD 30 1,250.00

 MARTIN 30 1,250.00

 TURNER 30 1,500.00

 ADAMS 20 1,100.00

 MILLER 10 1,300.00

 6 inregistrari selectate.

 **4.Listati numerele de departament si numele in ordinea numelor**

 **departamentelor.**

 DEPTNO DNAME

 ------ ----------

 10 ACCOUNTING

 40 OPERATIONS

 20 RESEARCH

 30 SALES

 **5. Afisati toate tipurile diferite de job-uri.**

 JOB

 ---------

 ANALYST

 CLERK

 MANAGER

 PRESIDENT

 SALESMAN

 **6. Listati detaliile angajatilor din departamentele 10 si 20 in**

 **ordinea alfabetica a numelui.**

 EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

 ----- ----- ----- ---- --------- -------- ---- ------

 7876 ADAMS CLERK 7788 04-JUN-84 1,100.00 20

 7782 CLARK MANAGER 7839 14-MAY-84 2,450.00 10

 7902 FORD ANALYST 7566 05-DEC-83 3,000.00 20

 7566 JONES MANAGER 7839 31-OCT-83 2,975.00 20

 7839 KING PRESIDENT 09-JUL-84 5,000.00 10

 7934 MILLER CLERK 7782 21-NOV-83 1,300.00 10

 7788 SCOTT ANALYST 7566 05-MAR-84 3,000.00 20

 7369 SMITH CLERK 7902 13-JUN-83 800.00 20

 8 inregistrari selectate.

 **7.Listati numele si ocupatiile tuturor functionarilor**

 **in departamentul 20.**

 ENAME JOB

 ------ -----

 SMITH CLERK

 ADAMS CLERK

 **8. Afisati toti angajatii ai caror nume contine TH sau LL**

 **in interior.**

 ENAME

 ------

 SMITH

 ALLEN

 MILLER

 **9. Listati urmatoarele detalii pentru toti angajatii care**

 **au un manager.**

 ENAME JOB SAY

 ------ -------- --------

 SMITH CLERK 800.00

 ALLEN SALESMAN 1,600.00

 WARD SALESMAN 1,250.00

 JONES MANAGER 2,975.00

 MARTIN SALESMAN 1,250.00

 BLAKE MANAGER 2,850.00

 CLARK MANAGER 2,450.00

 SCOTT ANALYST 3,000.00

 TURNER SALESMAN 1,500.00

 ADAMS CLERK 1,100.00

 JAMES CLERK 950.00

 FORD ANALYST 3,000.00

 MILLER CLERK 1,300.00

 13 inregistrari selectate.

 **10. Afiseaza numele si totalul remuneratiei pentru toti angajatii.**

 ENAME REMUNERATION

 ------- ------------

 SMITH 9600

 ALLEN 19500

 WARD 15500

 JONES 35700

 MARTIN 16400

 BLAKE 34200

 CLARK 29400

 SCOTT 36000

 KING 60000

 TURNER 18000

 ADAMS 13200

 JAMES 11400

 FORD 36000

 MILLER 15600

 14 inregistari selectate.

  **11. Afiseaza toti salariatii care au fost angajati in anul 1983.**

 ENAME DEPTNO HIREDATE

 ------- ------ ---------

 SMITH 20 13-JUN-83

 ALLEN 30 15-AUG-83

 JONES 20 31-OCT-83

 MARTIN 30 05-DEC-83

 FORD 20 05-DEC-83

 MILLER 10 21-NOV-830

 6 inregistrari selectate.

  **12. Afisati numele,salariul anual si comisionul pentru toti vanzatorii**

 **ai caror salariu lunar este mai mare decat comisionul lor.Iesirea va fi**

 **ordonata dupa salariu , cele m ai mari primele. Daca doi sau mai multi**

 **angajati au acelasi salariu trebuie sortati dupa nume in odinea celor**

 **mai mari salarii.**

 ENAME ANNUAL\_SAL COMM

 ------ ---------- --------

 ALLEN 19200 300.00

 TURNER 18000 .00

 WARD 15000 500.00

 Incercati-va aptitudinile cu acesta.

  **13. Selectati informatiile dupa cum sunt selectate.**

 Cine,cand si cum

 --------------------------------------------------------------------

 SMITH HAS HELD THE POSITION OF CLERK IN DEPT 20 SINCE 13-JUN-83

 ALLEN HAS HELD THE POSITION OF SALESMAN IN DEPT 30 SINCE 15-AUG-83

 WARD HAS HELD THE POSITION OF SALESMAN IN DEPT 30 SINCE 26-MAR-84

 JONES HAS HELD THE POSITION OF MANAGER IN DEPT 20 SINCE 31-OCT-83

 MARTIN HAS HELD THE POSITION OF SALESMAN IN DEPT 30 SINCE 05-DEC-83

 BLAKE HAS HELD THE POSITION OF MANAGER IN DEPT 30 SINCE 11-JUN-84

 CLARK HAS HELD THE POSITION OF MANAGER IN DEPT 10 SINCE 14-MAY-84

 SCOTT HAS HELD THE POSITION OF ANALYST IN DEPT 20 SINCE 05-MAR-84

 KING HAS HELD THE POSITION OF PRESIDENT IN DEPT 10 SINCE 09-JUL-84

 TURNER HAS HELD THE POSITION OF SALESMAN IN DEPT 30 SINCE 04-JUN-84

 ADAMS HAS HELD THE POSITION OF CLERK IN DEPT 20 SINCE 04-JUN-84

 JAMES HAS HELD THE POSITION OF CLERK IN DEPT 30 SINCE 23-JUL-84

 FORD HAS HELD THE POSITION OF ANALYST IN DEPT 20 SINCE 05-DEC-83

 MILLER HAS HELD THE POSITION OF CLERK IN DEPT 10 SINCE 21-NOV-83

 14 inregistrari selectate.

**Capitolul 2 - Rezolvari**

 1. SELECT \*

 FROM SALGRADE;

 2. SELECT \*

 FROM EMP;

 3. SELECT ENAME, DEPTNO, SAL

 FROM EMP

 WHERE SAl BETWEEN 1000 AND 2000;

 4. SELECT DEPTNO, DNAME

 FROM DEPT

 ORDER BY DNAME;

 5. SELECT DISTINCT JOB

 FROM EMP;

 6. SELECT \*

 FROM EMP

 WHERE DEPTNO IN (10,20)

 ORDER BY ENAME;

 7. SELECT ENAME,JOB

 FROM EMP

 WHERE JOB = 'CLERK'

 AND DEPTNO = 20;

 8. SELECT ENAME

 FROM EMP

 WHERE ENAME LIKE '%TH%'

 OR ENAME LIKE '%LL%';

 9. SELECT ENAME, JOB, SAL

 FROM EMP

 WHERE MGR IS NOT NULL;

 10. SELECT ENAME, SAL\*12+NVL(COMM,0) REMUNERATION

 FROM EMP;

 11. SELECT ENAME, DEPTNO, HIREDATE

 FROM EMP

 WHERE HIREDATE LIKE '%83';

 12. SELECT ENAME, SAL\*12 ANNUAL SAL, COMM

 FROM EMP

 WHERE SAL >COMM

 AND JOB = 'SALESMAN'

 ORDER BY SAL DESC, ENAME;

 13. SELECT ENAME||

 ' HAS HELD THE POSITION OF '||

 JOB||

 ' IN DEPT '||

 DEPTNO||

 ' SINCE '||

 HIREDATE "Who, what and when"

 FROM EMP;