

Problema 1.

- B) select denumire from PRODUSE1 where pret = (select min(pret) from PRODUSE1)
- C) select * from PRODUSE1 where EXTRACT(YEAR from DATA_EXPIRARII) = EXTRACT(YEAR FROM SYSDATE) and EXTRACT(MONTH FROM DATA_EXPIRARII) = EXTRACT(MONTH from SYSDATE)
- D) select p.denumire, p.pret, p.data_expirarii, f.Denumire from PRODUSE1 p JOIN FURNIZORI1 f ON(p.id_furnizor = f.id_furnizor) where f.oras = 'valcea' or f.oras = 'Valcea'

Problema 2.

- B) select * from carti
- where anul_aparitiei=to_char(sysdate, 'YYYY')
- C)
- select * from carti
- where anul_aparitiei=to_char(sysdate, 'YYYY')
- D)
- select * from edituri
- where id_editura = (select id_editura from carti group by id_editura having count(*) = (select max(count(*)) from carti group by id_editura))

Problema 3.

- a) insert into carti values (220,11,'Baltagul',2009,1,30)
- b)select *from carti where nr_vol= (select nr_vol from carti group by nr_vol having nr_vol=(select max(nr_vol) from carti))
- c)select a.titlul from carti a, autori b where b.num=:x AND b.prenume=:y AND a.cod_autor=b.cod_autor

Problema 4.

pentru a :

update Medicamente(pret:=&pret) where denumire:='&denumire'

pentru b:

select * from medicamente where compensat is null

pentru c :

```
select m.ID,m.Denumire,m.Compensat,m.Id_prod,m.Pret from Medicamente m JOIN Producatori p
on(m.Id_pr=p.Id_prod) where p.num:='&nume'
```

Problema 5.

a:

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select * from Albume WHERE Suport='DVD'
```

b:

```
Insert into Albume Values((select max(id)+1 from Albume),(select ID_Artist from artisti Where
Nume=:nume),'Nebunia lui Fuego',2016,'DVD')
```

c:

```
SELECT Distinctd.ALBUM, d.AN_AP, d.SUPPORT FROM Albume d JOIN Artisti a ON
d.ID_ARTIST=(SELECT ID_ARTIST FROM Artisti WHERE NUME=nume AND PRENUME='prenume )
```

```
SORT BY AN_AP
```

Problema 6.

a)SELECT DENUMIR FROM PRODUSEPB6 WHERE CANTIT=0

b)INSERT INTO PRODUSEPB6 (COD_PROD, DENUMIR, CANTIT,UM)
VALUES ('6', 'Carti', '23', 'buc')

c)SELECT NUME FROM PRODUSEPB6 WHERE DENUMIR='Tastaturi'

Problema 7.

a) SELECT judet FROM unitati

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WHERE (P_ARC+P_CATARARE+P_TIR)=(SELECT MAX(P_ARC+P_CATARARE+P_TIR) FROM unitati)
```

b)SELECT a.numere FROM participant a, unitati b

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WHERE a.NUMER_UNITATE=b.NUMER_UNITATE AND p_tir=(SELECT max(p_tir) FROM unitati) AND
p_arc=(SELECT max(p_arc) FROM unitati) AND p_catarare=(SELECT max(p_catarare) FROM unitati)
```

c)SELECT judet FROM unitati

```
GROUP BY JUDET HAVING COUNT(NUMER_UNITATE) = (SELECT MAX(COUNT(NUMER_UNITATE)) FROM
unitati GROUP BY JUDET )
```

Problema 8.

pct a

```
SELECT ECHIPA, NUME, PRENUME FROM DANSATORI ORDER BY PROBA, SCOR DESC
```

pct b

```
SELECT ORAS FROM DANSATORI GROUP BY ORAS HAVING COUNT(ORAS) = (select max(count(*))
from dansatori group by oras )
```

pct c

```
SELECT PROBA FROM DANSATORI GROUP BY PROBA HAVING COUNT(PROBA) = (select max(count(*))  
from dansatori group by PROBA )
```

Problema 9.

A

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select * from Inventar where Categorie = 'Poezie'
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B

```
select * from Inventar where Pret > 20
```

C

```
select Autor from Inventar where Anul aparitiei < 2000
```

Problema 10.

a) SELECT NUME_PRODUCATOR FROM PRODUCATORI WHERE ORAS =:x AND VANZARI > 0

b) SELECT NUME FROM MAGAZIN WHERE (SYSDATE-365>DATA_PRIMIRE) AND PRET = (SELECT MAX(PRET) FROM MAGAZIN)

c) SELECT PRET*0.95 AS "Pret Nou" FROM MAGAZIN, PRODUCATORI

Problema 11.

a

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select department_name from pb11departamente where department_name like 'M%' or  
department_name like 'S%'
```

b

```
select b.department_name, a.first_name , a.last_name FROM pb11angajati a,pb11departamente b  
WHERE a.department_id=b.department_id ORDER BY a.department_id, a.last_name
```

c

```
SELECT a.department_name FROM pb11departamente a, pb11angajati b WHERE  
a.department_id=b.department_id GROUP BY a.department_name HAVING  
(COUNT(b.department_id) =:x)
```

Problema 12.

a)SELECT *FROM CLIENTI WHERE nume=:enter_nume

b)Select *from destinatii where tara='Romania'

c)select count(cod_c) from clienti join destinatii d on (client.cod_c=d.idd) group by denumire

Problema 13.

a)SELECT APARTAMENT FROM ANGAJATI WHERE RESTANTE >0

b)SELECT a.numa, a.membru1, a.membru2, a.membru3 FROM FAMILIE a,ANGAJATI b WHERE a.numa=b.numa AND RESTANTE>11

c)SELECT numa,apartament FROM ANGAJATI WHERE (LOC_DE_MUNCA =(SELECT LOC_DE_MUNCA FROM ANGAJATI WHERE NUMA=:X))

Problema 14. (ei zic ca nu merge verificati)

- a) Select o.ID_Client,o.Numele_Clientului,o.Prenumele_Clientului,o.Tipul_Operatiei,o.Suma from OPERATII o Join MONEDA m on(o.ID_Moneda=m.ID_Moneda) Group By m.Moneda
- b) Select o.ID_Client,o.Nume,o.Prenume,o.Operatie,o.Suma from Operatii o Join Moneda m On(o.ID_Moneda=m.ID_Moneda) where m.Tipul_Operatiei='Vanzare' AND (o.Suma>1000 AND Extract(DAY from SYSDATE)-Extract(DAY from SYSDATE)=0)
- c) Update Operatii SET Suma=Suma*0.01/100 Where Tipul_Operatiei='Vanzare'

Problema 15.

A)SELECT TIPUL_PRODUSULUI, PRETUL_PE_UNITATE_DE_MASURA*1.15 FROM PRODUS WHERE DATA_FABRICATIEI BETWEEN '01/DEC/1999' AND '28/FEB/2000'

B) select * from produs where CANTITATEA >= 50

C) SELECT COUNT(*) "Total" FROM produs where(DATA_EXPIRARII>sysdate);

D) select * from produs WHERE (PRODUCATOR=:X)

Problema 16.

Problema 17.

- a) SELECT A.PRET-A.PRET*0.1 FROM CAMERE A,CAZARE B WHERE A.ID_CAM=B.ID_CAM AND B.COMPLEX='Hotel' AND B.CALITATE='2 stele'

- b) SELECT SUM(NR_LOC_CAZ) FROM CAMERE WHERE OCUPARE='nu'

- c) SELECT A.ID_CAM FROM CAMERE A,CAZARE B WHERE A.OCUPARE='nu' AND A.ID_CAM=B.ID_CAM AND A.NR_LOC_CAZ=2 AND A.BALCON='da'AND B.COMPLEX='Hotel'AND B.CALITATE='3 stele'

d) SELECT A.ID_CAM,B.COMPLEX FROM CAMERE A,CAZARE B WHERE A.OCUPARE='nu' AND A.ID_CAM=B.ID_CAM

Problema 18.

Pentru a:

Select Nume,prenume from Concurenti where punctaj=(select Max(punctaj) from concurenti)

Pentru b:

Select a.numa,a.prenume,b.punctaj From participanti a,proba b WHERE a.id_conc=b.id_conc AND b.proba_conc='dans' ORDER BY b.punctaj DESC

Pentru c:

Select a.numa,a.prenume,b.punctaj From participanti a,proba b WHERE a.id_conc=b.id_conc AND b.punctaj=(Select MAX(b.punctaj) FROM Proba b)

Problema 19.

- a) SELECT * FROM BACALAUREAT WHERE NOTA_ROM>=5 AND NOTA_DISCIPLINA_PROFIL >=5 AND NOTA_DISCIPLINA_ALEGERE>=5 AND MEDIE>=6 ORDER BY MEDIE DESC
- b) SELECT * FROM BACALAUREAT WHERE MEDIE<6 ORDER BY NUME || PRENUME
- c) SELECT ROUND(AVG(MEDIE),2) FROM BACALAUREAT WHERE MEDIE >=6

Problema 20.

A) Select count(*) from participanti where codscoala is null

B) select nume, prenume from participanti where codscoala=:x and ocupatia like 'elev'

C) select numedirector || ' ' || prenumedirector as "Director" from scoli where cod=

(select codscoala from participanti group by codscoala having count(*)=

(select max(count(*)) from participanti group by ocupatia having ocupatia ='profesor')

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