# Lab\_04-tema

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Adaugare si completare campul trimestru:

ALTER TABLE incasari\_DEF

ADD

trimestru VARCHAR(20);

BEGIN

UPDATE incasari\_DEF SET trimestru='primul' WHERE EXTRACT(MONTH FROM datainc) BETWEEN 01 AND 03;

UPDATE incasari\_DEF SET trimestru='al doilea' WHERE EXTRACT(MONTH FROM datainc) BETWEEN 04 AND 06;

UPDATE incasari\_DEF SET trimestru='al treilea' WHERE EXTRACT(MONTH FROM datainc) BETWEEN 07 AND 09;

UPDATE incasari\_DEF SET trimestru='al patrulea' WHERE EXTRACT(MONTH FROM datainc) BETWEEN 10 AND 12;

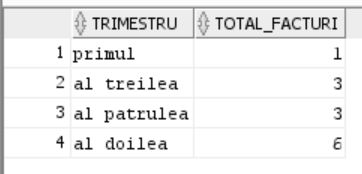
END;

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Table

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1. Sa se afiseze totalul facturilor incasate in functie de fiecare trimestru.



SELECT trimestru, COUNT(nrfact) AS Total\_facturi

FROM incasari\_DEF

GROUP BY trimestru

ORDER BY trimestru DESC;

1. Sa se afiseze totalul facturilor si totalul incasarilor ale fiecarui client, grupate dupa denumirea clientului.

SELECT dencl, SUM(valoare) AS Total\_facturi,SUM(NVL(valinc,0)) AS Total\_incasari

FROM clienti\_DEF INNER JOIN facturi\_DEF ON clienti\_DEF.codcl=facturi\_DEF.codcl LEFT JOIN incasari\_DEF ON facturi\_DEF.nrfact=incasari\_DEF.nrfact

GROUP BY dencl;

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1. Sa se afiseze clientii care au totalul incasarilor peste 200.

SELECT clienti\_DEF.codcl, dencl, COUNT(incasari\_DEF.nrfact)AS Nr\_facturi, valinc

FROM clienti\_DEF,facturi\_DEF,incasari\_DEF

WHERE clienti\_DEF.codcl=facturi\_DEF.codcl AND facturi\_DEF.nrfact=incasari\_DEF.nrfact

GROUP BY clienti\_DEF.codcl,dencl,valinc

HAVING valinc>=200

ORDER BY clienti\_DEF.codcl;

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1. Sa se afiseze cea mai mica incasare si clientul/clientii careia ii corespund incasarea respectiva.

SELECT clienti\_DEF.codcl, dencl, MIN(valinc) AS Minim\_incasari

FROM clienti\_DEF INNER JOIN facturi\_DEF ON clienti\_DEF.codcl=facturi\_DEF.codcl LEFT JOIN incasari\_DEF ON facturi\_DEF.nrfact=incasari\_DEF.nrfact

GROUP BY clienti\_DEF.codcl,dencl;

SELECT clienti\_DEF.codcl,dencl,incasari\_DEF.nrfact,valinc AS Minim

FROM clienti\_DEF INNER JOIN facturi\_DEF ON clienti\_DEF.codcl=facturi\_DEF.codcl LEFT JOIN incasari\_DEF ON facturi\_DEF.nrfact=incasari\_DEF.nrfact

WHERE valinc=(SELECT MIN(valinc)

FROM incasari\_DEF);

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1. Sa se afiseze trimestrul cu cea mai mare valoare a totalului incasarilor.

Table

Description automatically generatedSELECT trimestru, SUM(valinc)AS Total\_incasari

FROM incasari\_DEF

GROUP BY trimestru;

A picture containing text

Description automatically generatedSELECT MAX(SUM(valinc))AS Maxim\_incasari

FROM incasari\_DEF

GROUP BY trimestru;

A picture containing calendar

Description automatically generatedSELECT trimestru,SUM(valinc) AS Max\_total\_incasari

FROM incasari\_DEF

GROUP BY trimestru

HAVING SUM(valinc)=(SELECT MAX(SUM(valinc))

FROM incasari\_DEF

GROUP BY trimestru);