Examen - Sezzio e: Mourroad Optimisation DEER : XOM 2008 GI (10%) SELECT & FROM employers e WHERE SON GETWEEN (15000 and 20 000); Q2 (42%) SELECT & FROM disportaments d where seu = 1; @3 (05%) SELECT & FROM SELECT & FROM empleats e WHERE id = 1 union all SELECT & FROM empheats e WHERE id = 10 union all The noine cole = 100 SASHUM 9 27 ESPORMS HOUT = TOSTER SELECT & FROM empleats @ WHERE id = 1000 union all SEECT & FROM SUBSTILL & MARKE 19 = 10000 >: CH (43%) SELECT & FROH disportaments of sens 2 where 2 id = 0.580 and

s.id>9;

PRINTERS PROSOS - tould serve res.

- · Calcular B de cada taula (102448...) Ken GEEDOKEEGO,O - SLEE DPOL OUR OFENBUDY, OF8 - STAIRHE CERARTAMENTS -> 206, GNGGD334375 MB 371
- · (1) TEXPS QUERIES (execute proxin...)

02:368 Q3:4556 Q4:370

. (5) COST GREVIEZ (MODERNEI)

G1 - 01 2 Q3- 228,75 Q2 -> 155,82 Q4 -> 160,82

· (3) Mocs totals (user.ts-quotas) -> 1328 --- nomér tinc 42 6100 per per-no

```
· Taula sous (id, ciutat) pip cost®
                         cluster, 12th
      → id: no index.
           PC LOIS OUA LOS SIGHE S.id = 0.501 AUD 5.id >9
         Possibles indexos:
             on index - sempre
             · cluster - es PK
             . b+ ~ x
             · Mosh -> no te sentit (designaltat)
             · putmost - to month age 100 rebeticions
     -> ciutat: no inalex (no r'utilitza)
" taula empleats (id., rom, sou, edat, dipt, historial)
                            monicop , or hicap
       → id: no index, cluster, b+, hash
            Q3 ... WHERE eig = 1,10,100,1000,10000
           Possibles indexos
              · no index - sempre
              · cluster -> PK
              9 b+
              · mach - iqualitat
              · mitmap - <100
       - nom: no s'utilitza
       - sou: ro index, by, bitmosp
             CJ ... WHERE SOU BETWEEN 15000 AND 20000
          FOSTI DIES INDIEXOS:
            · no index - empre
            · clumer - no px
            · 6+ -1 X
            · nasn - deviguation
            · pitmap = >100
       - educt: 10 sixtilitiza
       - oupet: no sutilities
                                                                         millor
       -s historial : no subtilitea
                                                                            que b+
e taula dispointaments ( iai rom , seu, tairquer)
                                                           70
     - id : 10 sutilitiza
                                       - seu: no index, b+, hagh, bitmap?
    -s ram: no siutilitza
                                            02 ... where sou=1;
                                            QU ... where 5,101 = 02.50) ...
     -s tasques : no s'utilitza
                                         Possibles indexos
                                            " no index -> rempre
                                            · augrer - 10 PK
```

· 6+

· norn - inalter

2

OUTES SEGODS AURUSIS TET,

, Tavia SEUS

- (3) exercis: 1378 1358 \ (5) exercis: 1378 1258 \ (5) exercis: 1378 1258 \ (6) exercis: 1378 1258 \ (7) exercis: 1378 1258 \ (8) exercis: 1378 1258 \ (9) exercis: 1378 1258 \ (9) exercis: 1378 1258 \ (9) exercis: 1378 1258 \ (10) exercis: 1258 \ (10) exerci:
 - - 3 mbrus
 - 3 Blocks 1328 mg 1336

· Taula empleats

s id

- · CUXTER (1) (2) 911 -> 1430 x Q3 4556- 10V
 - (2) Q3 98, 5 → 1941, 1 × Q3 228,75 -0 0,75 /
 - 3) BOCKS: 2928 X

- · 5+ @ @ 4556 10/
 - 2 93 228,75 → 0,75
 - 3) BIOCKS: 1358 1360 /

· hash 3 1632 x (c) passa)

- soo (em quedo amb b+ solore e.id)

- 3) Blocks 7100 x

 (3) Blocks 7100 x

 (4) Blocks 7100 x

 (5) Idear

 (6) GT 61 2 254 x

 (7) Blocks 7100 x

· Toula departaments

-> sou (em quedio cemb 5+ solore e.id)

- 06+ @ 65 865 107/ CH 320-12-1
 - @ 42 120 85 22 25 7 GH 160,85 27,09 1
 - 3) Brocks 1368 /
- : hash 3) Brocks 1764 X
- · bottop @ @2 911-50 /QU 870 53/
 - > @ GZ 155,82 -> 24,78 / QU 160,8€ -> 26,66√

mano 3 1368/

CAS. JATA TROD RIBORS OIDLUCE

- Entmap some deportaments (seu)
- o B+ saare emploats (id)