

Optimistic Row Locking mechanish of Mysogl > · automatic now locking # Pasimistic now locking > · you manually lock the rowsin advance before 155 uring update or délété. · To lock the rows manually, you have to use select statement with the FOR EUPDATE clause. c.g. select *from dept for update; · Locks are automatically released when you rollback or commit, · select * from emp #pwhere deptno = 10 for update wait; (by default wait) · Wait & Nowait options · select * from emp are hot available in for update nowait; My59L. 1: select * from emp Snehal Sawant 5 Where dept no=10 for update wait 60; < seconds. to it row is available, then it will acquire the lock. lifrow is unavailable, then it will wait in the request queue-for the specified time period; according it will dagquire the lock or about the operation. [if row is available, then it will acquire the lock if row is unavailable, then it will about operation #To tryout Row locking in Mysgl. workbench; it you getstyck inthe request queue. · click on guery (menu at the top) > click onstop.

for two guery windows in My Sg L wB.
click on guery cmenu at the top) > new tabto carrent server -> click onit.

Function: Routine that returns a value creterin statement) · you can pass parmeters/ Arguments to a function. Function can be overloaded. Varchar(20) Varichar(20) FNIAME ENAME Aran APUrun Tarun Arun siran kirdn Nutan Pyrun. select from emp;

· select fname, Iname from emp;

· Con catenate -> tojoin

(Concat (5#1,5+12).

· select concat (frame. Iname) from emp; To join two strings. Without blank space beththem e.g. Arunpurun.

· select concat (concat (fname, 1), Iname) from emp;

outer function

· 10 get space beth two staing.

eg. Aran Purun.

· max 24pto 255 levels for function within fun (common for all RDBMS)

. this limit of sgl can be exceeded with the help of views.

In Mysgl:-

· Concat (str1, st2, st3)..., strn).

select concert (fname, 'Iname) from emp; Snehal Sawant

- ', Iname) from emp; eselect concat l'Mr., fname, Mr. Arun Purun.
 - · select upper (fname) from emp;

· apolate emp set fname = upper (fname);

· select *from emp where upper (fname) = 'ARUN': 50/1 for case-insensitive query in oracle: #In Oracle!

· select & from emp where lower (frame) = 'Arruh';

· select init cap (fname) from emp; (Not in Mysgr) cg. Aran.

ENAME Arun & purun Tarun & Arun Siran & Kiran Nutan & Purun

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· select Ipad (ename, 25, 1) from emp; elect prome elect promised parant Right justified. Total 25;

1. Right justification

2. Billing Receipt.
3. che que printing.
select Ipad Cename, 25, 1 * 1) from emp;

es + * * * Aron Pyrun,

· select rpad (enam, 25, ') from emp; · select rpad (enam, 25'*) from emp;

1. left justification of numeric data 2. to convert varichan to char(convert variable length to fixed-length). 3. Billing receipt. 4. Cheque printing. · select Itrim(ename) from emp; eg. off. Arun Purun. many property and a second of the second of a. left justification. · select itsim (ename) from emp, a. Convert char to Varichar (converting fixed length to variable length). b. right justification of charcolumn Ipad (atrim (ename),...) · select trim (ename) from emp; · removes blank spaces from both the sides. · select substrum (ename, 3) from emp; 3 -> starting position. eg. 0/P. un purun. run Arun. · select substr (ename, 3,2) from emp; 3-3 starting position 2-3 Number of character. eg. 919 · select substr (ename, -3) from emp; it will start from right. Snehal Sawant

· select substraename, - 3,2) trom emp; ENIOIR UN 1 NU 4585:a. extract apart of the string. · substr ('New Mumbai', 1, 3) -> New. · select replace cename, 'un', 'xy') from emp; un -> XY OHP = ATXY, PUTXY, Tanxy, Axxy=== Sirxy Kirxy Nytan Pyrxy. · select replace (ename, '4n', xyz') from emp; · select replace cename, 'un', 'x') from emp; · select replace cename, 'un', ') from emp; · select replace Cename, 'un') from emp; CNOT SUPPORTED BY MYSGL) ex. of Ar pur. C3rd parameter compulsory in · select instr cename, '4n') from emp; - returns starting position of string. - if string is not found then it returns 0. a to check if one string existing in another string ·instr (experience, 'oracle') if o > no oracle exp. if non zero -> has oracle exp.

: Louis and Cell hodgeth to we to perdue 1.53/ 20

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Varchair. EMP. ENAME · Select length (ename) from emp; AMJALI 61P: Basit Chetan select ascii (rname) from emp, returns ASCII value of 1st char. 66 · select ascii (substr (enamp, 2) from emp; returns ASCIII value of 2nd char. · select asciics 4bstr (ename, -1)) from emp; • 21-122 Snehal Sawant select ascii ('z') from emp; £122 returns 122 afor 3times. 122 122returns for each row. 里122 · select distinct ascii ('z') from emp, · select sal, sal*12, \$3*12, ascii('2') from emp; and our security · use mysql; select distinct ascii ('z') from user; · select ascii ('z') from dual; · dual is a system terble (common for all RPB193) · it contains only I row and I celumn. · duced is a dummy table. · select sybstic New Mymbai 1,1,3) from dual; · select 3*12 from dual; - select 'welcome to CDAC' "MESSAGE" from duel;

- · select char (GT using utf8) from dual; · char(G5 using atf8) -> where utf8 is the given set for U.S English, else default is binary characters · select * from emp where kname = Basiit;

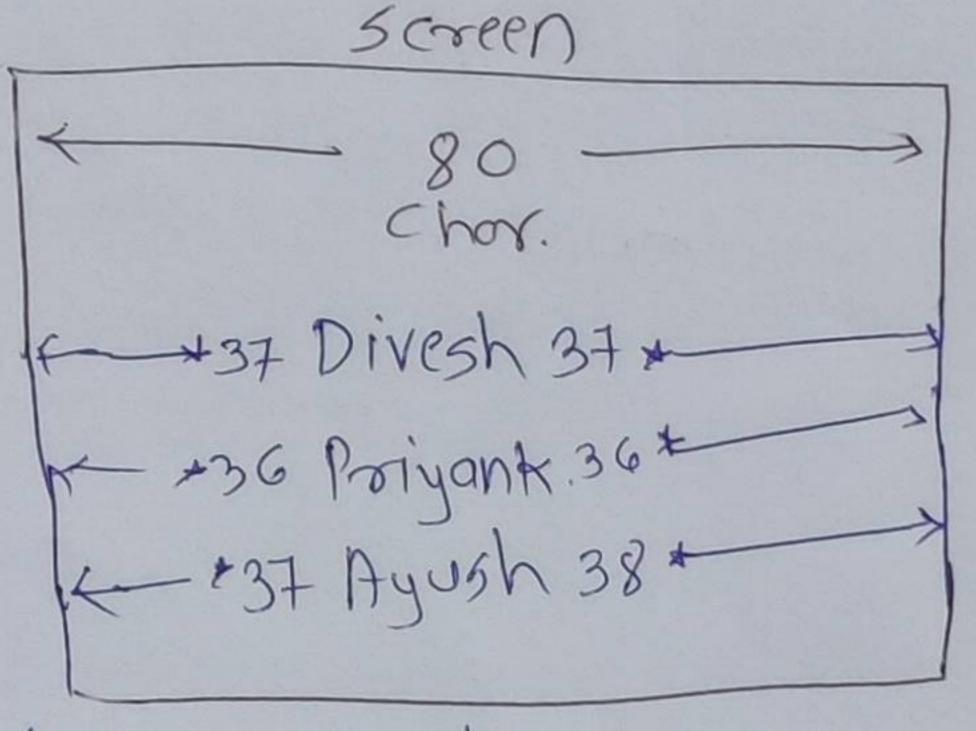
 it will not work so to work it,
- · select *from empwhere sound ex(ename) = soundex (Bagit) · it will work for simple names like. arun = arron.
 - it removes voowels and then companes.

In My591:-

1. select -> display the Ename's initcap. ATUSH -> Ayush.

2 select -> display ename center-justified (Padded with '*')

assume screen-width = 80 char.



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3. Belect -> display the ENAM char(20) column right-justified. assume scree-wich = 80ch,

In Oracle:
4. Select -> display the ENAMS with the vowels removed
4. Select Prush and SH (q,e,i,0,4,4)