PLSQL ASSESSMENT

use plsql;

CREATE TABLE myemp( Eno INTEGER(4) PRIMARY KEY,Ename VARCHAR(30)NOT NULL,Deptno INTEGER(4) NOT NULL,Esal DECIMAL(8,2));

desc myemp;

-- 'Eno', 'int', 'NO', 'PRI'

-- 'Ename', 'varchar(30)', 'NO', ''

-- 'Deptno', 'int', 'NO', ''

-- 'Esal', 'decimal(8,2)', 'YES', ''

insert into myemp values(1,'latha',101,5500);

insert into myemp values(2,'maria',102,9500);

insert into myemp values(3,'raje',103,4000);

insert into myemp values(4,'komal',104,25000);

insert into myemp values(5,'ravi',105,15000);

insert into myemp values(6,'renu',105,16000);

select \* from myemp;

-- 1 latha 101 5500.00

-- 2 maria 102 9500.00

-- 3 raje 103 4000.00

-- 4 komal 104 25000.00

-- 5 ravi 105 15000.00

alter table myemp add(Experience integer(2) not null);

desc myemp;

-- 'Eno', 'int', 'NO', 'PRI'

-- 'Ename', 'varchar(30)', 'NO', ''

-- 'Deptno', 'int', 'NO', ''

-- 'Esal', 'decimal(8,2)', 'YES', ''

-- 'Experience', 'int', 'NO', ''

update myemp set Esal=null where esal between 5000 and 10000;

select \* from myemp;

-- 1 latha 101 0

-- 2 maria 102 0

-- 3 raje 103 4000.00 0

-- 4 komal 104 25000.00 0

-- 5 ravi 105 15000.00 0

ALTER TABLE myemp ADD comm integer(10);

-- desc myemp;

-- Eno int NO

-- Ename varchar(30) NO

-- Deptno int NO

-- Esal decimal(8,2) YES

-- Experience int NO

-- comm int YES

insert into myemp values(6,'subi',106,30000,2,null);

insert into myemp values(7,'bruce',107,20000,1,1000);

insert into myemp values(8,'srubee',108,100000,15,5000);

select \* from myemp;

-- 1 latha 101 0

-- 2 maria 102 0

-- 3 raje 103 4000.00 0

-- 4 komal 104 25000.00 0

-- 5 ravi 105 15000.00 0

-- 6 subi 106 30000.00 2

-- 7 bruce 107 20000.00 1 1000

-- 8 srubee 108 100000.00 15 5000

create table empcommnul LIKE myemp;

desc empcommnul;

-- Eno int NO PRI

-- Ename varchar(30) NO

-- Deptno int NO

-- Esal decimal(8,2) YES

-- Experience int NO

-- comm int YES

INSERT INTO empcommnul(SELECT \* FROM myemp WHERE comm is null);

select \* from empcommnul;

-- 1 latha 101 0

-- 2 maria 102 0

-- 3 raje 103 4000.00 0

-- 4 komal 104 25000.00 0

-- 5 ravi 105 15000.00 0

-- 6 subi 106 30000.00 2

-- 5)

create table ebill(cno varchar(10) primary key, cname varchar(30) not null, nounits integer(4)not null,bamt decimal(8,2));

desc ebill;

-- cno varchar(10) NO PRI

-- cname varchar(30) NO

-- ncounts int NO

-- bamt decimal(8,2) YES

insert into ebill values('c1','latha',40,null);

insert into ebill values('c2','mani',30,null);

insert into ebill values('c3','bharathi',60,null);

insert into ebill values('c4','abdul',20,null);

insert into ebill values('c5','Greetan',90,null);

select \* from ebill;

-- c1 latha 40

-- c2 mani 30

-- c3 bharathi 60

-- c4 abdul 20

-- c5 Greetan 90

DELIMITER //

create procedure ebillp(in x varchar(10), out y decimal(8,2))

begin

declare done boolean default 0;

declare units int(4);

declare curs cursor for

select ncounts from ebill where cno=x;

open curs;

fetch curs into units;

if units>200 then

set y=(units-200)\*1.5+150;

elseif units>100 and units<200 then

set y=(units-100)\*1.5+50;

else

set y=units\*0.5;

end if;

close curs;

update ebill set bamt=y where cno=x;

select \* from ebill where cno=x;

end //

call ebillp('c1', @zz);