Sql syntax

CREATE TABLE products(

id int AUTO\_INCREMENT PRIMARY KEY,

name varchar(30),

PRICE decimal(3,2)

);

CREATE TABLE customer(

id int AUTO\_INCREMENT PRIMARY KEY,

first\_name varchar(15),

last\_name varchar(15),

gender enum('M','F'),

telephone\_number varchar(11)

);

CREATE TABLE orders(

id int AUTO\_INCREMENT PRIMARY KEY,

product\_id int,

customer\_id int,

order\_date DATETIME,

foreign KEY (product\_id) references products(id),

foreign KEY (customer\_id) references customer(id)

);

SELECT \* from products;

ALTER TABLE products

ADD COLUMN coffee\_origin VARCHAR(30)

ALTER TABLE products

DROP COLUMN coffee\_origin

Create table matches(

TEAM1 varchar(20),

TEAM2 varchar(20),

Winner varchar(20)

);

insert into matches values('India','SL','India');

insert into matches values('SL','Aus','Aus');

insert into matches values('SA','Eng','Eng');

insert into matches values('Eng','NZ','NZ');

insert into matches values('Aus','India','India');

select \* from matches;

select team\_name,count(1) as no\_of\_matches\_played,sum(win\_flag) as no\_of\_matches\_won,

count(1) - sum(win\_flag) as no\_of\_losses from

(select TEAM1 as team\_name, case when TEAM1=Winner then 1 else 0 end as win\_flag

from matches

union all

select TEAM2 as team\_name, case when TEAM2=Winner then 1 else 0 end as win\_flag

from matches) as team

group by team\_name

order by no\_of\_matches\_won DESC;