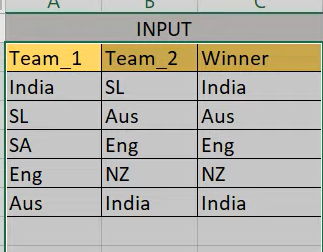
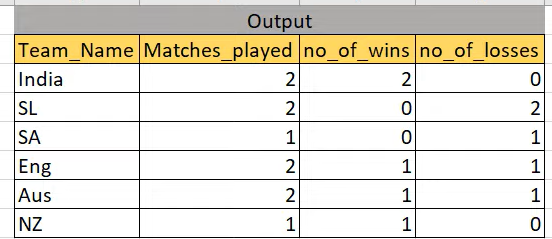
# **1.Complex SQL Query 1 | Derive Points table for ICC tournament**

****

create table icc\_world\_cup

(

Team\_1 Varchar(20),

Team\_2 Varchar(20),

Winner Varchar(20)

);

INSERT INTO icc\_world\_cup values('India','SL','India');

INSERT INTO icc\_world\_cup values('SL','Aus','Aus');

INSERT INTO icc\_world\_cup values('SA','Eng','Eng');

INSERT INTO icc\_world\_cup values('Eng','NZ','NZ');

INSERT INTO icc\_world\_cup values('Aus','India','India');

select \* from icc\_world\_cup;

**sol-**

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

count(1) - sum(win\_flag) as no\_of\_loss\_matches

FROM

(

select team\_1 as team\_name,

case when team\_1 = winner then 1 else 0 end as win\_flag

from icc\_world\_cup

group by team\_name

union all

select

team\_2 as team\_name,

case when team\_2 = winner then 1 else 0 end as win\_flag

from icc\_world\_cup)

group by team\_name