

Problem Statement: Problem Statement: Derive an output from the input table as shown in the figure below.

INPUT		
Team_1	Team_2	Winner
India	SL	India
SL	Aus	Aus
SA	Eng	Eng
Eng	NZ	NZ
Aus	India	India

Here's the table script and solution:

```
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');
```

Output			
Team_Name	Matches_played	no_of_wins	no_of_losses
India	2	2	0
SL	2	0	2
SA	1	0	1
Eng	2	1	1
Aus	2	1	1
NZ	1	1	0

Solution :-

```
WITH CTE AS (
SELECT TEAM_1 ,(CASE WHEN TEAM_1 = WINNER THEN 1 ELSE 0 END) AS WIN FROM
ICC_WORLD_CUP
UNION ALL
SELECT TEAM_2, (CASE WHEN TEAM_2 = WINNER THEN 1 ELSE 0 END) AS WIN FROM
ICC_WORLD_CUP)
```

```
SELECT DISTINCT(TEAM_1) AS TEAM,COUNT(WIN) AS MATCH_PLAYED,SUM(WIN) AS
NO_OF_WINS,(COUNT(WIN)-SUM(WIN)) AS NO_OF_LOSSES
FROM CTE
GROUP BY 1
ORDER BY NO_OF_WINS DESC
```

team	match_played	no_of_wins	no_of_losses
character varying (20)	bigint	bigint	bigint
India	2	2	0
Aus	2	1	1
Eng	2	1	1
NZ	1	1	0
SA	1	0	1
SL	2	0	2