


## Query and Output:

### 1. Find membership of all country:



The screenshot shows a SQL query editor with the query: `select membership from country;`. Below the query, the 'Results' tab is active, displaying a table with 18 rows. The first row is highlighted. The table has two columns: an implicit row index and a column named 'membership'.

	membership
1	Full Member
2	Associate
3	Full Member
4	Full Member
5	Associate
6	Associate
7	Associate
8	Full Member
9	Full Member
10	Full Member
11	Associate
12	Full Member
13	Associate
14	Full Member
15	Full Member
16	Full Member
17	Full Member
18	Full Member

### 2. Find Distinct Membership of Country:



The screenshot shows a SQL query editor with the query: `select distinct membership from country;`. Below the query, the 'Results' tab is active, displaying a table with 2 rows. The first row is highlighted. The table has two columns: an implicit row index and a column named 'membership'.

	membership
1	Associate
2	Full Member

3. Find Country name, Membership and Budget :

```
select c_name, membership, budget*1.1
from country;
```

100 % <

Results Messages

	c_name	membership	(No column na...
1	Afganistan	Full Member	11000000.0
2	Argentina	Associate	550000.0
3	Australia	Full Member	550000000.0
4	Bangladesh	Full Member	110000000.0
5	Bermuda	Associate	220000.0
6	Bhutan	Associate	165000.0
7	Canada	Associate	1760000.0
8	England	Full Member	275000000.0
9	India	Full Member	1650000000.0
10	Ireland	Full Member	5500000.0
11	Nepal	Associate	2750000.0
12	New Zealand	Full Member	165000000.0
13	Oman	Associate	1650000.0
14	Pakistan	Full Member	22000000.0
15	South Africa	Full Member	275000000.0
16	Srilanka	Full Member	165000000.0
17	West Indies	Full Member	11000000.0
18	Zimbabwe	Full Member	5500000.0

4. Find Umpire who's from England and whose salary is greater than 30000:

```
select name, salary
from umpire
where c_name='England' and salary>30000;
```

100 % <

Results Messages

	name	salary
1	Ian Gould	45000
2	Richard Kettleborough	35000
3	Nigel Llong	35000
4	Richrad Illingworth	35000
5	Paul Reiffel	35000

5. Find Player whose run is less than 10000 :

```
select name,c_name,total_run
from Player,player_career
where player_career.ID= Player.ID and player_career.total_run<10000;
```

100 % <

Results Messages

	name	c_name	total_r...
1	Jasprit Bumrah	India	43
2	Ravindra Jadeja	India	2562
3	Rohit Sharma	India	1285
4	Rashid Khan	Afganistan	872
5	Mustafizur Rahman	Bangladesh	132
6	Babar Azam	Pakistan	5050
7	Mitchell Strac	Australia	1562
8	James Anderson	England	1275
9	Moeen Ali	England	4062
10	Kusal Mendis	Srilanka	3120
11	Jason Holder	West Indies	3280
12	Shai Hope	West Indies	3212
13	Kagiso Rabada	South Africa	810

6. Find Player whose Run is greater than 10000:

```
select name as Player_name,c_name,total_run
from Player,player_career
where player_career.ID= Player.ID and player_career.total_run>10000;
```

100 % <

Results Messages

	Player_name	c_name	total_r...
1	Virat Kohli	India	19313
2	Shakib Al Hasan	Bangladesh	10112
3	Tamim Iqbal	Bangladesh	11340
4	Mushfiquir Rahim	Bangladesh	10250
5	Steven Smith	Australia	11200
6	Kane Williamson	New Zealand	12273
7	Angelo Mathews	Srilanka	10198

7. Find Player who's name start with 'Vir' :

```
select name
from Player
where name like '%Virat%';
```

100 % <

Results Messages

	name
1	Virat Kohli

8. Find Umpire who's from Australia:

```
select name, c_name
from umpire
where c_name = 'Australia'
order by name;
```

100 % <

Results Messages

	name	c_name
1	Bruce Oxenford	Australia
2	Rod Tucker	Australia
3	Simon Tuffel	Australia
4	Tony Hill	Australia

9. Find all umpire order by salary in ascending order:

```
select *
from umpire
order by salary desc, name asc;
```

100 % <

Results Messages

	id	name	c_name	salary	gra...
1	20041	Aleem Dar	Pakistan	45000	A
2	20091	Ian Gould	England	45000	A
3	20102	Rod Tucker	Australia	45000	A
4	20081	Simon Tuffel	Australia	45000	A
5	20101	Marais Erasmus	South Africa	38000	A-
6	20121	Bruce Oxenford	Australia	35000	A-
7	20122	Nigel Llong	England	35000	A-
8	20132	Paul Reiffel	England	35000	A-
9	20112	Richard Kettleborough	England	35000	B
10	20131	Richrad Illingworth	England	35000	A
11	20111	Kumar Dharmasena	Srilanka	30000	B
12	20151	Sundaram Ravi	India	30000	B
13	20161	Tony Hill	Australia	30000	B
14	20152	Chris Gaffaney	New Zealand	25000	C
15	20153	Sarafatdhola	Bangladesh	25000	C

10. Find umpire who's salary is between 25000 to 35000:

```
select name,salary
from umpire
where salary between 25000 and 35000;
```

100 % <

Results Messages

	name	salary
1	Kumar Dharmasena	30000
2	Richard Kettleborough	35000
3	Bruce Oxenford	35000
4	Nigel Llong	35000
5	Richrad Illingworth	35000
6	Paul Reiffel	35000
7	Sundaram Ravi	30000
8	Chris Gaffaney	25000
9	Sarafatdhola	25000
10	Tony Hill	30000

11. Find winner of Champions trophy :

```
select event_name, winner
from event_o, CT_event
where (Event_o.yr ) = (CT_event.yr);
```

100 % <

Results Messages

	event_name	winner
1	Champion Trophy	Srilanka
2	Champion Trophy	England
3	Champion Trophy	Australia
4	Champion Trophy	Australia
5	Champion Trophy	India
6	Champion Trophy	Pakistan

12. Find Left Handed Batsman from Bangladesh:

```
select name
from Player
where c_name = 'Bangladesh' and bat_s= 'Left Handed Bat';
```

100 % <

Results Messages

	name
1	Mustafizur Rahman
2	Shakib Al Hasan
3	Tamim Iqbal

13. Find Player ID who didn't get a wicket in his career:

```
select id
from player_career
where total_wk is null;
```

100 % <

Results Messages

	id
1	203
2	204
3	301
4	802

14. Find Average salary of England Umpire:

```
select avg (salary) as avg_salary
from umpire
where c_name= 'England';
```

100 % <

Results Messages

	avg_sal...
1	37000



15. Find how many umpire have distinct salary of Australia:

```
select count (distinct salary) as unique_salary
from umpire
where c_name = 'Australia';
```

10 % <

Results Messages

unique_sal...
3

16. Find average salary of umpire group by country:

```
select c_name, avg (salary) as avg_salary
from umpire
group by c_name
```

100 % <

Results Messages

	c_name	avg_sal...
1	Australia	38750
2	Bangladesh	25000
3	England	37000
4	India	30000
5	New Zealand	25000
6	Pakistan	45000
7	South Africa	38000
8	Srilanka	30000

17. Find average salary of umpire where salary is greater than 35000 group by country:

```
select c_name, avg (salary) as avg_salary
from umpire
group by c_name
having avg (salary) > 35000;
```

100 % <

Results Messages

	c_name	avg_sal...
1	Australia	38750
2	England	37000
3	Pakistan	45000
4	South Africa	38000

18. Find total run of Player career:

```
select sum (total_run) as total_run
from player_career ;
```

100 % <

Results Messages

	total_r...
1	111951

19. Find ODI Country Ranking :

```
select name,odi_rank
from country_rank order by odi_rank
```

100 % <

Results Messages

	name	odi_ra...
1	India	1
2	South Africa	2
3	England	3
4	New Zealand	4
5	Australia	5
6	Srilanka	6
7	Pakistan	7
8	West Indies	8
9	Bangladesh	9
10	Zimbabwe	10
11	Afganistan	11
12	Ireland	12



## 20. Find Test Country Ranking :

```
select name, test_rank
from country_rank order by test_rank
```

100 %

Results Messages

	name	test_ra...
1	England	1
2	India	2
3	New Zealand	3
4	South Africa	4
5	Pakistan	5
6	Australia	6
7	Bangladesh	7
8	Srilanka	8
9	West Indies	9
10	Afganistan	10
11	Zimbabwe	11
12	Ireland	12

## 21. Find T20 Country Ranking:

```
select name, Ttwenty_rank
from country_rank order by Ttwenty_rank
```

100 %

Results Messages

	name	Ttwenty_rank
1	Pakistan	1
2	India	2
3	England	3
4	Australia	4
5	South Africa	5
6	New Zealand	6
7	West Indies	7
8	Afganistan	8
9	Srilanka	9
10	Bangladesh	10
11	Zimbabwe	12
12	Ireland	17