SQL Olympics Project

```sql
-- Q1. Show how many medal counts present for entire data.
select medal,count(medal) as medal_count
from athletes
group by medal
order by medal_count asc;
```

Q2. Show count of unique Sports are present in olympics.

```sql
select count(distinct Sport) as Sports_count
from athletes;
```

Q3.Show how many different medals won by Team India in data.

```sql
select count(distinct Sport) as Sports_count

from athletes;
```

Q4. Show event wise medals won by india show from highest to lowest medals won in order.

```sql
select   medal, count(medal)
  from athletes
where   team ='India'  and Medal<>'NoMedal'
group by medal , team;
```

Q5. Show event and yearwise medals won by india in order of year.

```sql
select event , year, count(Medal) as MedalCount
from athletes
where Team = 'India' and Medal<>'No Medal'
group by event, year
order by year desc;
```

Q6. Show the country with maximum medals won gold, silver, bronze

```
select team, count(medal) as medalcount
from athletes
where medal<>'NoMedal'
group by team
order by medalcount desc
Limit 1;
```

Q7. Show the top 10 countries with respect to gold medals

```sql
select team, count(medal) as GoldMedalCount
from athletes
where medal='Gold'
group by team
order by GoldMedalCount desc
limit 10;
```

Q8. Show in which year did United States won most medals

```sql
select team, year, count(medal) as MedalCount
from athletes
where team='United States' and medal<>'NoMedal'
group by team, year
order by MedalCount desc
limit 1;
```

Q9. In which sports United States has most medals

```sql
select sport, count(medal) as MedalCount
from athletes
where team='United States' and medal<>'NoMedal'
group by sport
order by MedalCount desc
limit 1;
```

Q10. Find top 3 players who have won most medals along with their sports and country.

```sql
select name, sport, team, count(medal) as medalcount
from athletes
where medal<>'NoMedal'
group by name, sport, team
order by medalcount desc
limit 3;
```

Q11. Find player with most gold medals in cycling along with his country.

```sql
select name, sport, team ,count(medal) as GoldMedalCount
from athletes
where medal = 'Gold' and sport = 'Cycling'
group by name, sport, team
order by GoldMedalCount desc
limit 1 ;
```

Q12. Find player with most medals (Gold + Silver + Bronze) in Basketball also show his country.

```sql
select name, sport, team,count(medal) as MedalCount
from athletes
where medal<>'NoMedal' and Sport='Basketball'
group by name,sport,team
order by MedalCount desc
limit 1;
```

Q13. Find out the count of different medals of the top basketball player.

```sql
select name, sport, medal, count(medal) as MedalCount
from athletes
where medal<>'NoMedal' and Name='Teresa Edwards'
group by medal, name, sport;
```

Q14. Find out medals won by male, female each year.

```sql
select year, sex, count(medal) as medalcount
from athletes
where medal<>'NoMedal'
group by year, sex
order by year;
```