

```
6 #1st question
7 • select left(country_name,3) as FirstThreeChars from country;
```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

| | FirstThreeChars |
|---|-----------------|
| ▶ | Ind |
| | Chi |
| | USA |
| | Can |
| | Fin |
| | Net |
| | UK |
| | Jap |
| | Mex |
| | Aus |

9 #2nd question

10 • `select concat(Fname, ' ', Lname) as FullName from persons;`

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

| | FullName |
|---|----------------|
| ▶ | John Wick |
| | Amanda Qureshi |
| | David Mobs |
| | Thorfinn Thors |
| | Joseph Jostar |
| | Lucy Winks |
| | Emma Watson |
| | Ayaka Kamisato |
| | Lucius Legrand |
| | Taylor Smith |



Result
Grid



Form
Editor



Field
Types



Result 6 x

! Read Only





Output



Action Output

12 #3rd question

13 • `select count(distinct(country_name)) from persons;`

Result Grid |   Filter Rows: | Export:  | Wrap Cell Content: 

| | count(distinct(country_name)) |
|---|-------------------------------|
| ▶ | 8 |

15 #4th question

16 • `select max(population) from country;`

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



| | max(population) |
|---|-----------------|
| ▶ | 20000000 |

Result 9 ×

! Read Only

Output

17
18 #5th question

19 • `select min(population) from country;`

Result Grid



Filter Rows:

Export:



Wrap Cell Content:





| | min(population) |
|---|-----------------|
| ▶ | 100000 |

Result 10 x

! Read Only

Output

```
20  
21 #6th question  
22 • insert into persons values(11,'Candace',null,780000,4.7,8,'Japan'),(12,'Miguel',null,780490,5.5,9,'Mexico');  
23 • select count(Lname) from persons;
```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

| | count(Lname) |
|---|--------------|
| ▶ | 10 |



Result
Grid



Form
Editor



Field
Types

25 #7th question

26 • `select count(*) as totalRows from persons;`




27

Result Grid   Filter Rows: Export:  Wrap Cell Content: 

| | totalRows |
|---|-----------|
| ▶ | 12 |


27
28 #8th question

29 • `select population from country limit 3;`

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content:  | Fetch rows: 

| | population |
|---|------------|
| ▶ | 20000000 |
| | 2000000 |
| | 100000 |

country 17 ×

 Read O

Output

30

31 #9th question

32 • `select * from country order by rand() limit 3;`

33

Result Grid |   Filter Rows: | Edit:    | Export/Import:   | Wrap Cell Content:  | Fetch rows: 

| ID | country_name | population | area |
|------|--------------|------------|----------|
| 1 | India | 20000000 | 65264458 |
| 10 | Australia | 200000 | 98745458 |
| 8 | Japan | 120090 | 2564458 |
| NULL | NULL | NULL | NULL |

```
33
34 #10th question
35 • select * from persons order by rating desc;
```

Result Grid   Filter Rows: Edit:    Export/Import:   Wrap Cell Content: 

| | ID | Fname | Lname | population | rating | country_ID | country_name |
|---|----|----------|----------|------------|--------|------------|--------------|
| ▶ | 4 | Thorfinn | Thors | 400000 | 8.50 | 4 | Canada |
| | 9 | Lucius | Legrand | 540000 | 7.90 | 9 | Mexico |
| | 6 | Lucy | Winks | 970000 | 7.20 | 7 | UK |
| | 7 | Emma | Watson | 765000 | 6.60 | NULL | NULL |
| | 1 | John | Wick | 800000 | 5.90 | 1 | India |
| | 12 | Miguel | NULL | 780490 | 5.50 | 9 | Mexico |
| | 8 | Ayaka | Kamisato | 60000 | 5.30 | 8 | Japan |
| | 10 | Taylor | Smith | 750000 | 4.80 | 10 | Australia |
| | 11 | Candace | NULL | 780000 | 4.70 | 8 | Japan |
| | 3 | David | Mobs | 123000 | 4.30 | 3 | USA |
| | 5 | Joseph | Jostar | 240000 | 4.00 | 1 | India |
| | 2 | Amanda | Qureshi | 50000 | 3.50 | 2 | China |

persons 19 ×

Apply

Output

37 #11th question

38 • `select country_name, sum(population) from persons group by country_name;`

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

| | country_name | sum(population) |
|---|--------------|-----------------|
| ▶ | India | 1040000 |
| | China | 50000 |
| | USA | 123000 |
| | Canada | 400000 |
| | UK | 970000 |
| | NULL | 765000 |
| | Japan | 840000 |
| | Mexico | 1320490 |
| | Australia | 750000 |

39

40 #12th question

41 • `select country_name from persons group by country_name having sum(population)>50000;`

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

| country_name |
|--------------|
| India |
| USA |
| Canada |
| UK |
| NULL |
| Japan |
| Mexico |
| Australia |

#13th question

```
select country_name, count(*) as totalPeople, avg(rating) as averageRating from persons group by country_name  
order by averageRating asc;
```

Full Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

| country_name | totalPeople | averageRating |
|--------------|-------------|---------------|
| China | 1 | 3.500000 |
| USA | 1 | 4.300000 |
| Australia | 1 | 4.800000 |
| India | 2 | 4.950000 |
| Japan | 2 | 5.000000 |
| NULL | 1 | 6.600000 |
| Mexico | 2 | 6.700000 |
| UK | 1 | 7.200000 |
| Canada | 1 | 8.500000 |