

# Tasks and Results

1

39

```
40 • SELECT SUBSTRING(Country_name, 1, 3) AS FirstThreeChars FROM country;
```

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

	FirstThreeChars
▶	Ind
	USA
	Chi
	Jap
	Ger
	UK
	Fra
	Ita
	Can
	Aus

Result 1 x

2

```
41 • SELECT CONCAT(Fname, ' ', Lname) AS FullName FROM Persons;
```

42

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

	FullName
▶	Archana Anil
	John Smith
	Dang Li
	Hiroshi Taka
	Hans Mueller
	James Brown
	Marie Dupont
	Luca Rossi
	Emily Davis
	Oliver Wilson

3

```
42 • SELECT COUNT(DISTINCT Country_name) AS Unique_Country_Count FROM Persons;
```

43

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

	Unique_Country_Count
▶	10

Result 3 x

# Tasks and Results

4

43 • `SELECT MAX(Population) AS Maximum_Population FROM country;`

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

Maximum_Population
1439323776

Result 4 x

44 • `SELECT MIN(Population) AS Minimum_Population FROM persons;`

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

Minimum_Population
173511

5

Result 5 x

45 • `INSERT INTO Persons (Id, Fname, Lname, Population, Rating, Country_Id, Country_name) VALUES`  
46 `(11, 'Anayra', NULL, 1380004385, 4.7, 1, 'India'),`  
47 `(12, 'Obama', NULL, 331002651, 4.8, 2, 'USA');`

48 • `SELECT COUNT(Lname) AS Last_name_Count FROM Persons; -- This query count the number of non-NULL last names in the table`

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

Last_name_Count
10

6

Result 6 x

# Tasks and Results

```
45 • INSERT INTO Persons (Id, Fname, Lname, Population, Rating, Country_Id, Country_name) VALUES
46 (11, 'Anayra', NULL, 1380004385, 4.7, 1, 'India'),
47 (12, 'Obama', NULL, 331002651, 4.8, 2, 'USA');
48 • SELECT COUNT(Lname) AS Last_name_Count FROM Persons; -- This query count the number of non-NULL last names in the table
7 49 • SELECT COUNT(*) AS Number_Of_Rows FROM Persons;
50
```

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

Number_Of_Rows
12

```
8 50 • SELECT Population FROM Country ORDER BY Id LIMIT 3;
51
```

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

Population
1380004385
331002651
1439323776

```
9 51 • SELECT * FROM Country ORDER BY RAND() LIMIT 3;
52
```

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

Id	Country_name	Population	Area
2	USA	331002651	9833520
6	UK	67886011	243610
7	France	173511	551695
•	NULL	NULL	NULL

# Tasks and Results

10

```
52 • SELECT * FROM Persons ORDER BY Rating DESC;
53
54
```

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

	Id	Fname	Lname	Population	Rating	Country_Id	Country_name
▶	5	Hans	Mueller	783942	4.90	5	Germany
	4	Hiroshi	Taka	126476461	4.80	4	Japan
	12	Obama	NULL	331002651	4.80	2	USA
	2	John	Smith	331002651	4.70	2	USA
	11	Anayra	NULL	1380004385	4.70	1	India
	3	Dang	Li	1439323776	4.60	3	China
	1	Archana	Anil	1380004385	4.50	1	India
	6	James	Brown	67886011	4.40	6	UK
	7	Marie	Dupont	173511	4.30	7	France
	8	Luca	Rossi	60461826	4.20	8	Italy
	9	Emily	Davis	37742154	4.10	9	Canada
	10	Oliver	Wilson	25499884	4.00	10	Australia
✖	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Persons 12

×

Persons 12 x

Output

Action Output

11

```
53 • SELECT Country_name, SUM(Population) AS Total_Population FROM Persons GROUP BY Country_name;
54
```

Result Grid

Filter Rows:

Export:





Wrap Cell Content:

	Country_name	Total_Population
▶	India	2760008770
	USA	662005302
	China	1439323776
	Japan	126476461
	Germany	783942
	UK	67886011
	France	173511
	Italy	60461826
	Canada	37742154
	Australia	25499884

Result 13 x

12

```
54 • SELECT Country_name FROM Persons GROUP BY Country_name HAVING SUM(Population) > 50000;
55
```

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

	Country_name
▶	India
	USA
	China
	Japan
	Germany
	UK
	France
	Italy
	Canada
	Australia

# Tasks and Results

13

56 • `SELECT Country_name, COUNT(*) AS Total_Persons, AVG(Rating) AS Average_Rating FROM Persons GROUP BY Country_name HAVING COUNT(*) > 2 ORDER BY AVG(Rating) ASC;`

Result Grid | Filter Rows: | Exports: | Wrap Cell Contents: |

Country_name	Total_Persons	Average_Rating
--------------	---------------	----------------

56 • `SELECT Country_name, COUNT(*) AS Total_Persons, AVG(Rating) AS Average_Rating FROM Persons GROUP BY Country_name HAVING COUNT(*) >= 2 ORDER BY AVG(Rating) ASC;`

Result Grid | Filter Rows: | Exports: | Wrap Cell Contents: |

Country_name	Total_Persons	Average_Rating
India	2	4.600000
USA	2	4.750000

Result 20 ×

Output