

Consider the Country table and Persons table that you created earlier and perform the following:

(1) Perform inner join, Left join, and Right join on the tables.

Inner join:

```
4 • SELECT p.Id, p.Fname, p.Lname, p.Rating, c.Country_name
5 FROM Persons_1 p
6 INNER JOIN Country_1 c ON p.Country_Id = c.Id;
7
8 • SELECT * FROM country_1;
9 • SELECT * FROM persons_1;
```

Result Grid			Filter Rows: <input type="text"/>	Export:	Wrap Cell Content:
	Id	Fname	Lname	Rating	Country_name
▶	1	Ashly	Thomas	4.5	USA
	2	Jibin	Joy	4.2	India
	3	Goshal	Jay	3.8	Canada
	4	Richu	Zach	4.7	UK
	5	Mebin	Joby	3.9	Australia
	6	Jonhy	John	4.8	USA
	7	Gopika	Anil	4.1	Germany
	8	George	Mamen	3.7	France
	9	Justin	Jose	4.0	Italy
	10	Mariya	Sam	4.6	Brazil
	11	Ashly	NULL	4.3	Australia
	12	Jibin	NULL	3.9	Canada

## Left Join:

```
11 • SELECT p.Id, p.Fname, p.Lname, p.Rating, c.Country_name
12 FROM Persons_1 p
13 LEFT JOIN Country_1 c ON p.Country_Id = c.Id;
14
```

Result Grid					
			 Filter Rows: <input type="text"/>	Export: 	Wrap Cell Content: 
	Id	Fname	Lname	Rating	Country_name
▶	1	Ashly	Thomas	4.5	USA
	2	Jibin	Joy	4.2	India
	3	Goshal	Jay	3.8	Canada
	4	Richu	Zach	4.7	UK
	5	Mebin	Joby	3.9	Australia
	6	Jonhy	John	4.8	USA
	7	Gopika	Anil	4.1	Germany
	8	George	Mamen	3.7	France
	9	Justin	Jose	4.0	Italy
	10	Mariya	Sam	4.6	Brazil
	11	Ashly	NULL	4.3	Australia
	12	Jibin	NULL	3.9	Canada

## Right Join:

```
16 • SELECT p.Id, p.Fname, p.Lname, p.Rating, c.Country_name
17 FROM Persons_1 p
18 RIGHT JOIN Country_1 c ON p.Country_Id = c.Id;
```

Result Grid					
		Filter Rows:		Export:	Wrap Cell Content:
	Id	Fname	Lname	Rating	Country_name
6	Jonhy	John	4.8	USA	
1	Ashly	Thomas	4.5	USA	
2	Jibin	Joy	4.2	India	
12	Jibin	NULL	3.9	Canada	
3	Goshal	Jay	3.8	Canada	
4	Richu	Zach	4.7	UK	
11	Ashly	NULL	4.3	Australia	
5	Mebin	Joby	3.9	Australia	
7	Gopika	Anil	4.1	Germany	
8	George	Mamen	3.7	France	
9	Justin	Jose	4.0	Italy	
10	Mariya	Sam	4.6	Brazil	
NULL	NULL	NULL	NULL	Japan	

(2)List all distinct country names from both the Country and Persons tables.

```
20 • SELECT DISTINCT Country_name FROM Country_1
21 UNION
22 SELECT DISTINCT Country_name FROM Persons_1;
```

Result Grid	
Filter Rows:	
Export:	
Wrap Cell C	
	Country_name
▶	USA
	India
	Canada
	UK
	Australia
	Germany
	France
	Italy
	Brazil
	Japan

(3) List all country names from both the Country and Persons tables, including duplicates.



```
24 • SELECT Country_name FROM Country_1
25     UNION ALL
26     SELECT Country_name FROM Persons_1;
```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	Country_name			
▶	USA			
	India			
	Canada			
	UK			
	Australia			
	Germany			
	France			
	Italy			
	Brazil			
	Japan			
	USA			
	India			
	Canada			
	UK			
	Australia			
	USA			

(4)Round the ratings of all persons to the nearest integer in the Persons table.

27

28 • `SELECT Id, Fname, Lname, ROUND(Rating) AS RoundedRating FROM Persons_1;`

Result Grid			
		Filter Rows:	Export:  Wrap Cell Content: 
Id	Fname	Lname	RoundedRating
1	Ashly	Thomas	5
2	Jibin	Joy	4
3	Goshal	Jay	4
4	Richu	Zach	5
5	Mebin	Joby	4
6	Jonhy	John	5
7	Gopika	Anil	4
8	George	Mamen	4
9	Justin	Jose	4
10	Mariya	Sam	5
11	Ashly	NULL	4
12	Jibin	NULL	4