

1. Add a new column called DOB in Persons table with data type as Date.
2. Write a user-defined function to calculate age using DOB.
3. Write a select query to fetch the Age of all persons using the function that has been created.

```
23 • SELECT Id, Fname, DOB, CalculateAge(DOB) AS Age
24 FROM Persons_1;
25
```

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	Id	Fname	DOB	Age
▶	1	Ashly	NULL	NULL
	2	Jibin	NULL	NULL
	3	Goshal	NULL	NULL
	4	Richu	NULL	NULL
	5	Mebin	NULL	NULL
	6	Jonhy	NULL	NULL
	7	Gopika	NULL	NULL
	8	George	NULL	NULL
	9	Justin	NULL	NULL
	10	Mariya	NULL	NULL
	11	Ashly	NULL	NULL
	12	Jibin	NULL	NULL

4. Find the length of each country name in the Country table.

```
26 • SELECT Id, Country_name, CHAR_LENGTH(Country_name) AS Length
27 FROM Country_1;
28
```

Result Grid				Filter Rows:	Export:	Wrap Cell Content:
	Id	Country_name	Length			
▶	1	USA	3			
	2	India	5			
	3	Canada	6			
	4	UK	2			
	5	Australia	9			
	6	Germany	7			
	7	France	6			
	8	Italy	5			
	9	Brazil	6			
	10	Japan	5			

5. Extract the first three characters of each country's name in the Country table.

```
29 • SELECT Id, Country_name, SUBSTRING(Country_name, 1, 3) AS FirstThreeChars
30 FROM Country_1;
```

Result Grid				Filter Rows:	Export:	Wrap Cell Content:
	Id	Country_name	FirstThreeChars			
▶	1	USA	USA			
	2	India	Ind			
	3	Canada	Can			
	4	UK	UK			
	5	Australia	Aus			
	6	Germany	Ger			
	7	France	Fra			
	8	Italy	Ita			
	9	Brazil	Bra			
	10	Japan	Jap			

6. Convert all country names to uppercase and lowercase in the Country table.

```
31
32 • SELECT Id, Country_name, UPPER(Country_name) AS UppercaseName, LOWER(Country_name) AS LowercaseName
33 FROM Country_1;
34
```

Result Grid   Filter Rows: Export:  Wrap Cell Content: 

	Id	Country_name	UppercaseName	LowercaseName
▶	1	USA	USA	usa
	2	India	INDIA	india
	3	Canada	CANADA	canada
	4	UK	UK	uk
	5	Australia	AUSTRALIA	australia
	6	Germany	GERMANY	germany
	7	France	FRANCE	france
	8	Italy	ITALY	italy
	9	Brazil	BRAZIL	brazil
	10	Japan	JAPAN	japan