

1. Add a new column called DOB in Persons table with data type as Date.

```
ALTER TABLE PERSONS ADD DOB DATE;
```

```
UPDATE PERSONS SET DOB =('1986-07-11') WHERE F_NAME='TINU';
```

```
UPDATE PERSONS SET DOB =('1986-07-10') WHERE F_NAME='KANNAN';
```

```
UPDATE PERSONS SET DOB =('1984-03-11') WHERE F_NAME='MANU';
```

```
UPDATE PERSONS SET DOB =('1999-02-10') WHERE F_NAME='SUKANYA';
```

```
UPDATE PERSONS SET DOB =('1998-03-12') WHERE F_NAME='ANDREW';
```

```
UPDATE PERSONS SET DOB =('1978-01-22') WHERE F_NAME='ANIL';
```

```
UPDATE PERSONS SET DOB =('1977-03-22') WHERE F_NAME='SIMILY';
```

```
UPDATE PERSONS SET DOB =('1975-05-16') WHERE F_NAME='ABDUL';
```

```
UPDATE PERSONS SET DOB =('1980-03-12') WHERE F_NAME='ROBERT';
```

```
UPDATE PERSONS SET DOB =('1980-03-22') WHERE F_NAME='SUKVINDER';
```

```
UPDATE PERSONS SET DOB =('1985-04-12') WHERE F_NAME='JALEEL';
```

```
UPDATE PERSONS SET DOB =('2000-12-17') WHERE F_NAME='MANOJ';
```

2. Write a user-defined function to calculate age using DOB.

```
DELIMITER $$
```

```
CREATE FUNCTION CUSTOMER_AGE(DOB DATE)
```

```
RETURNS INT
```

```
DETERMINISTIC
```

```
BEGIN
```

```
    DECLARE AGE INT;
```

```
    SET AGE = YEAR(CURDATE())-YEAR(DOB);
```

```
    RETURN AGE;
```

```
END $$
```

3. Write a select query to fetch the Age of all persons using the function that has been created.

```
SELECT CUSTOMER_AGE(DOB) FROM PERSONS;
```

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

```
SELECT COUNTRY_NAME,LENGTH(COUNTRY_NAME) FROM COUNTRY;
```

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

```
SELECT SUBSTRING(COUNTRY_NAME, 1, 3) FROM COUNTRY;
```

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

```
SELECT UPPER(COUNTRY_NAME) AS UPPERCASE_COUNTRY FROM COUNTRY;
```