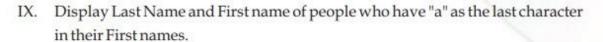
Create the following table named "Charity" and write SQL queries for the tasks that follow:

Table: Charity

P_Id	LastName	FirstName	Address	City	Contribution
1	Bindra	Jaspreet	5B, Gomti Nagar Lucknow		3500.50
2	Rana	Monica	21 A, Bandra Mumbai		2768.00
3	Singh	Jatinder	8, Punjabi Bagh	Delhi	2000.50
4	Arora	Satinder	K/1, Shere Punjab Mumbai Colony		1900.00
5	Krishnan	Vineeta	A-75,Adarsh Nagar		

(Contribution is in Rs.)

- I. Display all first names in lowercase
- II. Display all last names of people of Mumbai city in uppercase
- III. Display Person Id along with First 3 characters of his/her name.
- IV. Display first name concatenated with last name for all the employees.
- V. Display length of address along with Person Id
- VI. Display last 2 characters of City and Person ID.
- VII. Display Last Names and First names of people who have "at" in the second or third position in their first names.
- VIII. Display the position of 'a' in Last name in every row.



- Display the first name and last name concatenated after removing the leading and trailing blanks.
- Display Person Id, last names and contribution rounded to the nearest rupee of all the persons.
- XII. Display Person Id, last name and contribution with decimal digits truncated of all the persons.
- XIII. Display Last name, contribution and a third column which has contribution divided by 10. Round it to two decimal points.

Answers:

```
1.
SELECT LOWER(first_name) FROM Charity;
2.
SELECT UPPER(last_name) FROM Charity WHERE city = 'Mumbai';
3.
SELECT p_Id, LEFT(first_name, 3) FROM Charity;
4.
SELECT CONCAT(first_name, last_name) FROM Charity;
5.
SELECT p_id, LENGTH(address) FROM Charity;
6.
SELECT p_id, RIGHT(city, 2) FROM Charity;
7.
SELECT first_name, last_name FROM Charity WHERE first_name LIKE '%a';
8.
SELECT last_name, LOCATE('a', last_name) FROM Charity;
9.
SELECT first_name, last_name FROM charity WHERE first_name LIKE '%a';
10.
SELECT CONCAT(TRIM(first_name), TRIM(last_name)) FROM charity;
11.
SELECT p_id, last_name, ROUND(contribution) FROM charity;
12.
SELECT p id, last name, TRUNC(contribution, 0) FROM charity;
13.
SELECT lastname, ROUND(contribution / 10, 2) FROM charity;
```

Consider the table "Grocer" and write SQL queries for the tasks that follow: Table: Grocer

Item_Id	ItemName	UnitPrice	Quantity (kg)	Date_Purchase
1	Rice	52.50	80	2010-02-01
2	Wheat	25.40	50	2010-03-09
3	Corn	50.80	100	2010-03-11
4	Semolina	28.90	50	2010-01-15

(Unit Price is per kg price)

- I. Display Item name, unit price along with Date of purchase for all the Items.
- II. Display Item name along with Month (in number) when it was purchased for all the items.
- III. Display Item name along with year in which it was purchased for all the items.
- IV. Display Item Id, Date of Purchase and day name of week (e.g. Monday) on which it was purchased for all the items.
- V. Display names of all the items that were purchased on Mondays or Tuesdays.
- VI. Display the day name of the week on which Rice was purchased.
- VII. Display the Item name and unit price truncated to integer value (no decimal digits)of all the items.



INFORMATICE PRACTICES

Answer:

1.

SELECT item_name, unit_price, Date_purchase FROM Grocer;

2.

SELECT item_name, MONTH(Date_purchase) FROM Grocer;

3.

SELECT item_name, YEAR(Date_purchase) FROM Grocer;

4.

SELECT item_id, Date_purchase, DAYNAME(Date_purchase) FROM Grocer;

5.

SELECT item_name

FROM Grocer WHERE DAYNAME(Date_purchase) IN ('Monday', 'Tuesday');

```
6.
SELECT DAYNAME(Date_purchase) FROM Grocer WHERE ItemName = 'Rice';
7.
SELECT ItemName, TRUNCATE(unitprice, 0) FROM Grocer;
8.
SELECT CURRENT_DATE();
```