

6. Consider the following table named "SOFTDRINK". Write commands of SQL for (i) to (iv).

Table : **SOFTDRINK**

DRINKCODE	DNAME	PRICE	CALORIES
101	Lime and Lemon	20.00	120
102	Apple Drink	18.00	120
103	Nature Nectar	15.00	115
104	Green Mango	15.00	140
105	Aam Panna	20.00	135
106	Mango Juice Bahaar	12.00	150

- (i) To display names and drink codes of those drinks that have more than 120 calories.
(ii) To display drink codes, names and calories of all drinks, in descending order of calories.
(iii) To display names and price of drinks that have price in the range 12 to 18 (both 12 and 18 included).
(iv) Increase the price of all drinks in the given table by 10%.

Ans.

(i) SELECT DNAME, DRINKCODE
FROM SOFTDRINK
WHERE CALORIES > 120

(ii) SELECT DRINKCODE, DNAME, CALORIES
FROM SOFTDRINK
ORDER BY CALORIES DESC

(iii) SELECT DNAME, PRICE
FROM SOFTDRINK
WHERE PRICE BETWEEN 12 and 18

(iv) UPDATE SOFTDRINK
SET PRICE = PRICE + 0.10 * PRICE

7. (a) Write two examples of DBMS software.

8. Write a Query to create a Table with the following structure

Table Product

Field	Datatype
PID	Char(4)
Pname	Varchar(20)
Description	Varchar(40)
Price	Decimal

Ans.

```
CREATE TABLE PRODUCT (
    PID char(4) PRIMARY KEY,
    Pname Varchar(20),
    Description Varchar(40),
    Price Decimal )
```

9. Consider the following Vendor table and write the queries

Table Vendor

VendorID	VName	DateofRegistration	Location
:	:	:	:

- (i) Write a Query to display all records.
- (ii) Write a Query to add a new row with the following details ('V005', 'Vadilal', '201020', 'Pune').
- (iii) Write a query to modify the locations of V003 from Kolkata to Gujrat.

Ans.

- (i) SELECT * FROM vendor
- (ii) INSERT INTO Vendor VALUES('V005', 'Vadilal', '2010-03-20', 'Pune')
- (iii) UPDATE Vendor
 - SET Location = 'Gujrat'
 - WHERE VendorID = 'V003'