**TABLE-1**

CREATE TABLE BOOK(ISBN INT,TITLE VARCHAR(10), PUB\_YEAR INT, UNIT\_PRICE INT, AUTHOR\_NAME VARCHAR(10), PUBLISHER\_NAME VARCHAR(10));

INSERT INTO BOOK

VALUES( '1001', 'Oracle', '2004', '399', 'Arora' ,'PHI');

INSERT INTO BOOK

VALUES('1002',' DBMS', '2004',' 400', 'Basu', 'Technical');

INSERT INTO BOOK

VALUES('2001',' DOS','2003', '250','Sinha','Nirali');

INSERT INTO BOOK

VALUES('2002','ADBMS', '2004', '450', 'Basu', 'Technica');

INSERT INTO BOOK

VALUES('2003', 'Unix', '2000', '300', 'Kapoor', 'SciTech');

SELECT \*

FROM BOOK;

SELECT TITLE

FROM BOOK

WHERE UNIT\_PRICE BETWEEN 300 AND 400;

SELECT UNIT\_PRICE AS NEW\_PRICE

FROM BOOK;

SELECT TITLE FROM BOOK

WHERE UNIT\_PRICE > (SELECT min (UNIT\_PRICE) FROM BOOK WHERE PUB\_YEAR='2004');

CREATE VIEW TITLE\_AUTHORS AS

SELECT TITLE ,AUTHOR\_NAME FROM BOOK;

SELECT \* FROM TITLE\_AUTHORS;

CREATE TABLE BOOK(ISBN INT,TITLE VARCHAR(10), PUB\_YEAR INT, UNIT\_PRICE INT, AUTHOR\_NAME VARCHAR(10), PUBLISHER\_NAME VARCHAR(10));

INSERT INTO BOOK

VALUES( '1001', 'Oracle', '2004', '399', 'Arora' ,'PHI');

INSERT INTO BOOK

VALUES('1002',' DBMS', '2004',' 400', 'Basu', 'Technical');

INSERT INTO BOOK

VALUES('2001',' DOS','2003', '250','Sinha','Nirali');

INSERT INTO BOOK

VALUES('2002','ADBMS', '2004', '450', 'Basu', 'Technica');

INSERT INTO BOOK

VALUES('2003', 'Unix', '2000', '300', 'Kapoor', 'SciTech');

SELECT TITLE , UNIT\_PRICE

FROM BOOK

ORDER BY UNIT\_PRICE;

CREATE TABLE BOOK(ISBN INT,TITLE VARCHAR(10), PUB\_YEAR INT, UNIT\_PRICE INT, AUTHOR\_NAME VARCHAR(10), PUBLISHER\_NAME VARCHAR(10));

INSERT INTO BOOK

VALUES( '1001', 'Oracle', '2004', '399', 'Arora' ,'PHI');

INSERT INTO BOOK

VALUES('1002',' DBMS', '2004',' 400', 'Basu', 'Technical');

INSERT INTO BOOK

VALUES('2001',' DOS','2003', '250','Sinha','Nirali');

INSERT INTO BOOK

VALUES('2002','ADBMS', '2004', '450', 'Basu', 'Technica');

INSERT INTO BOOK

VALUES('2003', 'Unix', '2000', '300', 'Kapoor', 'SciTech');

SELECT COUNT(TITLE), AVG(UNIT\_PRICE)

FROM BOOK

CREATE TABLE BOOK(ISBN INT,TITLE VARCHAR(10), PUB\_YEAR INT, UNIT\_PRICE INT, AUTHOR\_NAME VARCHAR(10), PUBLISHER\_NAME VARCHAR(10));

INSERT INTO BOOK

VALUES( '1001', 'Oracle', '2004', '399', 'Arora' ,'PHI');

INSERT INTO BOOK

VALUES('1002',' DBMS', '2004',' 400', 'Basu', 'Technical');

INSERT INTO BOOK

VALUES('2001',' DOS','2003', '250','Sinha','Nirali');

INSERT INTO BOOK

VALUES('2002','ADBMS', '2004', '450', 'Basu', 'Technica');

INSERT INTO BOOK

VALUES('2003', 'Unix', '2000', '300', 'Kapoor', 'SciTech');

SELECT author\_name

FROM book

WHERE author\_name LIKE '%a%'

or author\_name like '%r%';

CREATE TABLE BOOK(ISBN INT,TITLE VARCHAR(10), PUB\_YEAR INT, UNIT\_PRICE INT, AUTHOR\_NAME VARCHAR(10), PUBLISHER\_NAME VARCHAR(10));

INSERT INTO BOOK

VALUES( '1001', 'Oracle', '2004', '399', 'Arora' ,'PHI');

INSERT INTO BOOK

VALUES('1002',' DBMS', '2004',' 400', 'Basu', 'Technical');

INSERT INTO BOOK

VALUES('2001',' DOS','2003', '250','Sinha','Nirali');

INSERT INTO BOOK

VALUES('2002','ADBMS', '2004', '450', 'Basu', 'Technica');

INSERT INTO BOOK

VALUES('2003', 'Unix', '2000', '300', 'Kapoor', 'SciTech');

SELECT publisher\_name

FROM book

WHERE publisher\_name LIKE '%c%';

CREATE TABLE BOOK(ISBN INT,TITLE VARCHAR(10), PUB\_YEAR INT, UNIT\_PRICE INT, AUTHOR\_NAME VARCHAR(10), PUBLISHER\_NAME VARCHAR(10));

INSERT INTO BOOK

VALUES( '1001', 'Oracle', '2004', '399', 'Arora' ,'PHI');

INSERT INTO BOOK

VALUES('1002',' DBMS', '2004',' 400', 'Basu', 'Technical');

INSERT INTO BOOK

VALUES('2001',' DOS','2003', '250','Sinha','Nirali');

INSERT INTO BOOK

VALUES('2002','ADBMS', '2004', '450', 'Basu', 'Technica');

INSERT INTO BOOK

VALUES('2003', 'Unix', '2000', '300', 'Kapoor', 'SciTech');

SELECT title,author\_name,publisher\_name

FROM book

WHERE pub\_year=2000

or pub\_year=2002

or pub\_year=2004;

**TABLE-2**

CREATE TABLE Depositor (Customer\_name varchar(10), Account\_no int);

insert into Depositor

values('John', '1001');

insert into Depositor

values('Sita',' 1002');

insert into Depositor

values('Vishal',' 1003');

insert into Depositor

values('Ram', '1004');

select \*

from depositor;

CREATE TABLE Depositor (Customer\_name varchar(10), Account\_no int,primary key(Customer\_name));

insert into Depositor

values('John', '1001');

insert into Depositor

values('Sita',' 1002');

insert into Depositor

values('Vishal',' 1003');

insert into Depositor

values('Ram', '1004');

select \*

from Borrower;

CREATE TABLE Borrower (Customer\_name varchar(10), Loan\_no int, primary key(Customer\_name));

insert into Borrower

values('John', '2001');

insert into Borrower

values('Tonny',' 2003');

insert into Borrower

values('Rohit',' 2004');

insert into Borrower

values('Vishal',' 2002');

SELECT Customer\_name, Account\_no

FROM Depositor

UNION

SELECT Customer\_name, Loan\_no

FROM borrower;

CREATE TABLE Depositor (Customer\_name varchar(10), Account\_no int,primary key(Customer\_name));

insert into Depositor

values('John', '1001');

insert into Depositor

values('Sita',' 1002');

insert into Depositor

values('Vishal',' 1003');

insert into Depositor

values('Ram', '1004');

select \*

from Borrower;

CREATE TABLE Borrower (Customer\_name varchar(10), Loan\_no int, primary key(Customer\_name));

insert into Borrower

values('John', '2001');

insert into Borrower

values('Tonny',' 2003');

insert into Borrower

values('Rohit',' 2004');

insert into Borrower

values('Vishal',' 2002');

SELECT Depositor.customer\_name

FROM Depositor

JOIN borrower

ON Depositor.customer\_name = Borrower.customer\_name;

**Table 2**

-- CREATE TABLE Depositor (Customer\_name varchar(10), Account\_no int,primary key(Customer\_name));

-- insert into Depositor

-- values('John', '1001');

-- insert into Depositor

-- values('Sita',' 1002');

-- insert into Depositor

-- values('Vishal',' 1003');

-- insert into Depositor

-- values('Ram', '1004');

-- CREATE TABLE Borrower (Customer\_name varchar(10), Loan\_no int, primary key(Customer\_name));

-- insert into Borrower

-- values('John', '2001');

-- insert into Borrower

-- values('Tonny',' 2003');

-- insert into Borrower

-- values('Rohit',' 2004');

-- insert into Borrower

-- values('Vishal',' 2002');

-- select customer\_name from depositor

-- where customer\_name in (select customer\_name from borrower)

-- or customer\_name not in (select customer\_name from borrower);

-- select customer\_name from depositor

-- where customer\_name in (select customer\_name from borrower);

-- select count(customer\_name) from depositor

-- where customer\_name not in (select customer\_name from borrower);

-- ALTER TABLE depositor

-- DROP PRIMARY KEY

-- ALTER TABLE borrower

-- DROP PRIMARY KEY

**TABLE-3**

-- CREATE TABLE Employee (Emp\_name varchar(10) ,City varchar(10));

-- insert into Employee

-- values('Hari',' Pune');

-- insert into Employee

-- values('Om', 'Mumbai');

-- insert into Employee

-- values('Smith',' Nashik ');

-- insert into Employee

-- values('Jay',' Solapur ');

-- CREATE TABLE Employee\_salary(Emp\_name varchar(10), Department varchar(10), Salary int);

-- insert into Employee\_salary

-- values('Hari', 'Computer',' 10000');

-- insert into Employee\_salary

-- values('Om', 'IT', '7000');

-- insert into Employee\_salary

-- values('Bill','Network', '8000');

-- insert into Employee\_salary

-- values('Jay', 'IT', '5000');

-- SELECT Employee.Emp\_name, Employee\_salary.salary

-- FROM Employee

-- INNER JOIN Employee\_salary

-- ON Employee.Emp\_name = Employee\_salary.Emp\_name;

-- SELECT Employee.Emp\_name,Employee\_salary.salary

-- FROM Employee

-- LEFT JOIN Employee\_salary

-- ON Employee.Emp\_name = Employee\_salary.Emp\_name;

DELETE FROM Employee\_salary

WHERE DEPARTMENT ='Network';

select \* from Employee\_salary;

update Employee\_salary set salary = salary + salary\*0.15

where Employee\_salary.salary < (select avg(salary) from Employee\_salary);

select \* from Employee\_salary;