JOINS

- Inner join / Natural Join
 Left join / left outer Join
 Right join / Right outer Join
 Cross join / Cartesian Product
- create database join_demo_feb_hex_24;
 use join_demo_feb_hex_24;

 create table product(id int primary key auto_increment,name varchar(255) NOT NULL,
 price double,vendor_id int);
 describe product;

 create table vendor(id int primary key auto_increment,name varchar(255),
 city varchar(255));

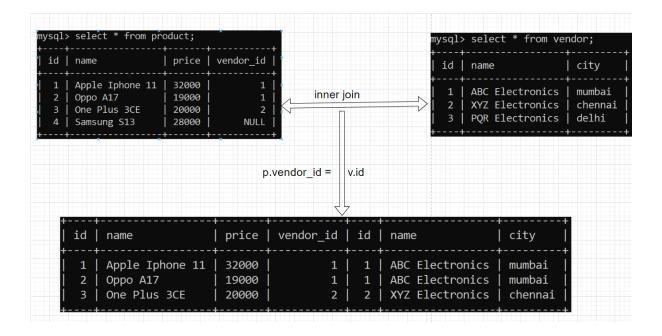
describe vendor;

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insert into vendor(name, city) values
('ABC Electronics', 'mumbai'),#1
('XYZ Electronics', 'chennai'),#2
('PQR Electronics', 'delhi');#3

select * from vendor;

insert into product(name, price, vendor_id) values
('Apple Iphone 11', 32000, 1),
('Oppo A17', 19000, 1),
('One Plus 3CE', 20000, 2);

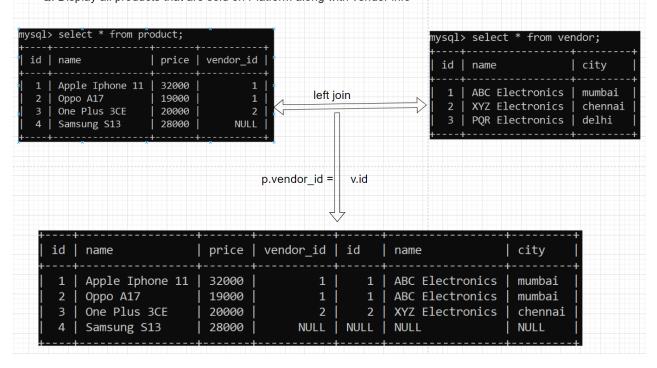
select * from product;
```

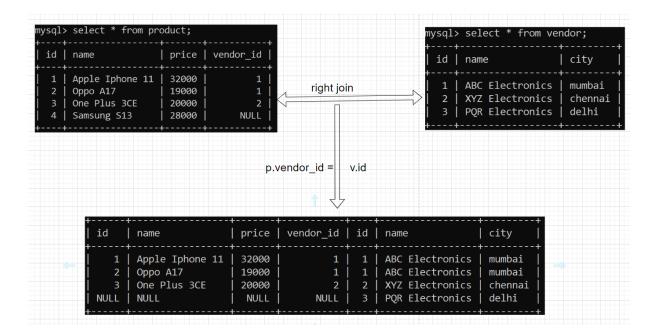


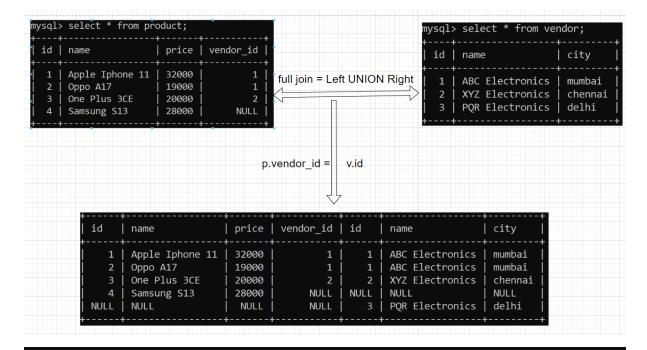
mysql> select *

-> from product p JOIN vendor v ON p.vendor_id=v.id;

Q. Display all products that are sold on Platform along with vendor info







mysql> select *

- -> from product p LEFT JOIN vendor v ON p.vendor_id=v.id
- -> UNION
- -> select *
- -> from product p RIGHT JOIN vendor v ON p.vendor_id=v.id
- -> ;

CROSS JOIN

mysql> select *
 -> from product, vendor;