%sql

create table customers

(

cust\_id int,

products array<string>,

price array<int>

)

%sql

insert into customers values (1111,array('a','b','c','d','e'),array(100,200,300,400,500))

%sql

insert into customers values (1112,array('c','d','e','a','a'),array(110,120,130,140,150))

%sql

SELECT cust\_id, product\_exp, price\_exp

FROM customers

LATERAL VIEW posexplode(products) exploded AS pos, product\_exp

LATERAL VIEW posexplode(price) exploded2 AS pos2, price\_exp

where pos=pos2

%sql

create table customer\_expl

(

customerid int,

products string,

price int)

%sql

insert into customer\_expl values (1111,'a',100),(1111,'b',200),(1111,'c',300),(1111,'d',400),(1111,'e',500);

insert into customer\_expl values (1112,'c',110),(1112,'d',120),(1112,'e',130),(1112,'a',140),(1112,'a',150);

%sql

SELECT customerid, collect\_list(products),collect\_list(price) from customer\_expl

GROUP BY customerid

%sql

SELECT customerid, collect\_set(products),collect\_set(price) from customer\_expl

GROUP BY customerid