





create table inventory(

product\_id int,

warehouse\_id int,

Date date,

quantity long);

insert into inventory (product\_id,warehouse\_id,Date, quantity) values (100,1,'2023-08-30',300);

insert into inventory (product\_id,warehouse\_id,Date, quantity) values (150,1,'2023-08-30',300);

insert into inventory (product\_id,warehouse\_id,Date, quantity) values (200,1,'2023-08-30',300);

insert into inventory (product\_id,warehouse\_id,Date, quantity) values (250,1,'2023-08-30',300);

insert into inventory (product\_id,warehouse\_id,Date, quantity) values (100,2,'2023-08-31',300);

insert into inventory (product\_id,warehouse\_id,Date, quantity) values (150,2,'2023-08-31',300);

insert into inventory (product\_id,warehouse\_id,Date, quantity) values (200,2,'2023-08-31',300);

insert into inventory (product\_id,warehouse\_id,Date, quantity) values (100,3,'2023-08-31',300);

insert into inventory (product\_id,warehouse\_id,Date, quantity) values (150,3,'2023-08-31',300);

insert into inventory (product\_id,warehouse\_id,Date, quantity) values (200,3,'2023-08-31',300);

SELECT

product\_id,

warehouse\_id,

MAX(date) AS latest\_date,

SUM(quantity) AS total\_quantity

FROM

inventory

GROUP BY

product\_id, warehouse\_id;