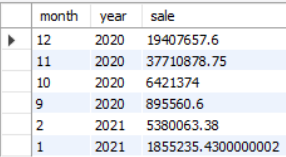
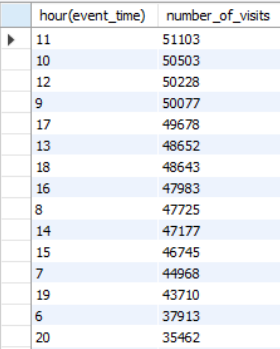
Ans 1:-

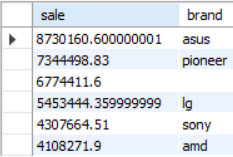
select month(event\_time)as month,year(event\_time) as year,(count(product\_id) \* price) sale from events group by month order by month desc;



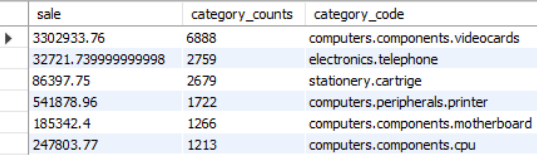
Ans 2:- select hour(event\_time),count(event\_time) as number\_of\_visits from events where event\_type='view' or event\_type='cart' group by hour(event\_time) order by count(event\_time) desc limit 24;



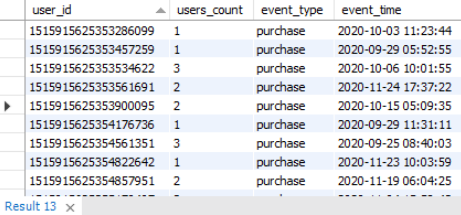
Ans 3:- select (count(product\_id) \* price) as sale,brand from events group by brand order by sale desc limit 6;



Ans 4:- select (count(product\_id) \* price) as sale,count(category\_id) as category\_counts, category\_code from events where event\_type='purchase' group by category\_id order by category\_counts desc limit 6 ;



Ans 5:- select user\_id, count(user\_id) as users\_count, event\_type , event\_time from events where event\_type='purchase' and month(event\_time) in (9,10,11,12,1,2) group by user\_id;



Ans 6:- select user\_id, count(event\_type) as actual\_view from events where event\_type in ('purchase','view') group by user\_id

