8. Top n products in each division by their quantity sold

Details: create stored procedure for getting top n product in each division by their quantity sold in a given financial year

```sql
CREATE DEFINER=`root`@`localhost` PROCEDURE `top_n_product_per_division_by_sold_quantity`(
    in_top_n int,
    in_fiscal_year int)
BEGIN
with cte as (
select division, p.product ,
sum(sold_quantity) as total_sold_quantity
from fact_sales_monthly s
join dim_product p
using(product_code)
where fiscal_year = in_fiscal_year
group by p.product, p.division ),
cte2 as (select *,
dense_rank() over(partition by division order by total_sold_quantity desc ) as dnrk from cte)
select * from cte2 where dnrk<=in_top_n;
END
```

Result Grid | Filter Rows: | Export: | Wrap

division	product	total_sold_quantity	dnrk
N & S	AQ Pen Drive DRC	2034569	1
N & S	AQ Digit SSD	1240149	2
N & S	AQ Clx1	1238683	3
N & S	AQ Neuer SSD	1225985	4
N & S	AQ Clx2	1201025	5
P & A	AQ Gamers Ms	2477098	1
P & A	AQ Maxima Ms	2461991	2
P & A	AQ Master wireless x1 Ms	2448784	3
P & A	AQ Master wired x1 Ms	2447468	4
P & A	AQ Lite Ms	2443425	5
PC	AQ Digit	135092	1
PC	AQ Gen Y	135031	2
PC	AQ Elite	134431	3
PC	AQ Gen X	134264	4
PC	AQ Velocity	101757	5

```sql
8   call gdb0041.top_n_product_per_division_by_sold_quantity(5, 2021);
```