

1)

```
SELECT Date_tt, id_tt, summa, rn
FROM ( SELECT CASE WHEN @id_tt=id_tt THEN @i:=@i+1 ELSE @i:=1 END rn,
        @id_tt:=id_tt id_tt, date_tt, summa
      FROM dt, (SELECT @i:=0, @id_tt:=0) h
      ORDER BY id_tt, date_tt) v;
```

2)

```
SELECT id_tov
FROM DTT
WHERE id_tov NOT IN (SELECT id_tov FROM DTT WHERE date_tt < (NOW() - INTERVAL 30 DAY));
```

3)

```
SELECT bonuscard
FROM (
  SELECT s.bonuscard bonuscard, c.ch mcheck, COUNT(s.bonuscard) num,
        SUM(s.basesum) summ
  FROM sales s
        LEFT JOIN tovs t
        ON s.id_tov=t.id_tov
        JOIN ( SELECT s.bonuscard bonuscard,SUM(s.basesum)/COUNT(s.bonuscard) ch
              FROM sales s
              WHERE YEAR(s.date_tt)=2021 AND MONTH(s.date_tt)=8
              GROUP BY s.bonuscard) c
        ON c.bonuscard=s.bonuscard
  WHERE YEAR(s.date_tt)=2021 AND MONTH(s.date_tt)=8 AND t.gr_name='Молочная продукция'
  GROUP BY s.bonuscard) z
WHERE z.num>=3 AND z.summ>=300 AND z.mcheck>=500;
```

4)

```
SELECT p.s Строка, length(p.i)-p.j+1 Слов
FROM (
  SELECT @s:=' Жизнь - это то, что с тобой происходит, пока ты строишь планы. Джон Леннон ' s,
        @i:=replace(TRIM(@s),' - ',' ') i,
        @j:=LENGTH(replace(@i,' ','')) j) p;
```