1.
select department_name from department where department_id in (SELECT
  department_id
FROM
  employee
WHERE
  salary > 10000);

2.
SELECT job_title from job where job_id in (select job_id from employee where salary>10000);

3.
SELECT
  product_id,
  COUNT(*) AS number_of_orders
FROM
  sale
GROUP BY
  product_id order by number_of_orders desc limit 3;

4.
SELECT * from product where product_id in(
SELECT
  product_id
FROM
  sale
GROUP BY
  product_id
ORDER BY
  COUNT(*) DESC
LIMIT
  3);

6.
SELECT * from product where product_id in(
SELECT
  product_id
FROM
  sale
GROUP BY
  product_id
HAVING

```
  COUNT(*) == 1);
```

8.
```
SELECT
  product_name,list_price
FROM
  product
WHERE
  product_id IN (
    SELECT
      product_id
    FROM
      sale
    GROUP BY
      product_id
    HAVING
      COUNT(*) == 1
  );
```