

72_Product Sales Analysis I

Easy - Solution

Source - <https://leetcode.com/problems/product-sales-analysis-i/description/>

Running Notes

- 2 tables - sales and product
- Write a solution to report the `product_name`, `year`, and `price` for each `sale_id` in the `Sales` table.

Solution

```
# Write your MySQL query statement below
SELECT p.product_name, s.year, s.price
FROM Sales AS s
INNER JOIN Product AS p
ON s.product_id = p.product_id
```

This was literally the easiest easy question I've seen but I am just writing what I'd explain to an interviewer (basically writing my thought process)

Okay so I need to get the name of the product from the Product table while get the `year`, and `price` from the sales table, so to get data from both tables together I will need to join the tables. Now I need to display these 3 columns for every id in the sales table and logically if the product exists in the products table only then will I be able make a sale for it. So inner join also suffices here.



Inner Join

what an inner join does it it joins the 2 tables on a common column (product id) and only return the rows that have matched

After doing the join I simply displayed `product_name` , `year` , and `price` columns

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