2. Profitable Stocks

A stock is considered profitable if the predicted price is strictly greater than the current price. Write a query to find the stock_codes of all the stocks which are profitable based on this definition. Sort the output in ascending order.

There are two tables in the database: *price_today* and *price_tomorrow*. Their primary keys are *stock_code*.

▼ Schema

There are 2 tables: `price_today`, `price_tomorrow`.

price_today

Name	Type	Description
stock_code	STRING	The stock code for this stock. This is the primary key.
price	INTEGER	Today's price of the stock.

price_tomorrow

Name	Type	Description
stock_code	STRING	The stock code for this stock. This is the primary key.
price	INTEGER	Predicted Price tomorrow for the stock

Note: Both tables contain all stocks listed on the stock exchange.

▼ Sample Data Tables

price_today

stock_code	price
TITAN	560
MRF	950
GOOGL	200

price_tomorrow

stock_code	price
TITAN	750
MRF	800
GOOGL	210

Sample Output

```
GOOGL
TITAN
```

▼ Sample Data Tables

price_today

stock_code	price
TITAN	560
MRF	950
GOOGL	200

price_tomorrow

stock_code	price
TITAN	750
MRF	800
GOOGL	210

Sample Output

```
GOOGL
TITAN
```

Explanation

- For TITAN, today's stock price is 560 and its predicted price is 750, hence it is a profitable stock
- For MRF, today's stock price is 950 and its predicted price is 800, hence it is not a profitable stock

Language MySQL ▾ ⚠ Autocomplete not supported ⓘ ☾ ↻ ⋮

```sql
1   /*
2   Enter your query below.
3   Please append a semicolon ";" at the end of the query
4   */
5
6   SELECT s.stock_code
7   FROM price_today as s , price_tomorrow as p
8   WHERE  p.stock_code = s.stock_code and p.price > s.price ;
```