

## 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 ⓘ



```
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 ;
```

order by 1; / 2;