# Problem 1164: Product Price at a Given Date

## Problem Information

**Difficulty:** Medium
**Acceptance Rate:** 57.70%
**Paid Only:** No
**Tags:** Database

## Problem Description

Table: `Products`

+---------------+---------+ | Column Name | Type | +---------------+---------+ | product_id | int | | new_price | int | | change_date | date | +---------------+---------+ (product_id, change_date) is the primary key (combination of columns with unique values) of this table. Each row of this table indicates that the price of some product was changed to a new price at some date.

Initially, all products have price 10.

Write a solution to find the prices of all products on the date `2019-08-16`.

Return the result table in **any order**.

The result format is in the following example.

**Example 1:**

**Input:** Products table: +------------+-----------+-------------+ | product_id | new_price | change_date | +------------+-----------+-------------+ | 1 | 20 | 2019-08-14 | | 2 | 50 | 2019-08-14 | | 1 | 30 | 2019-08-15 | | 1 | 35 | 2019-08-16 | | 2 | 65 | 2019-08-17 | | 3 | 20 | 2019-08-18 | +------------+-----------+-------------+ **Output:** +------------+-------+ | product_id | price | +------------+-------+ | 2 | 50 | | 1 | 35 | | 3 | 10 | +------------+-------+

## Code Snippets

**MySQL:**

```
# Write your MySQL query statement below
```

**MS SQL Server:**

```
/* Write your T-SQL query statement below */
```

**PostgreSQL:**

```
-- Write your PostgreSQL query statement below
```