SQL Schema

Table: Users

+----------------+---------+

| Column Name | Type |

+----------------+---------+

| user\_id | int |

| join\_date | date |

| favorite\_brand | varchar |

+----------------+---------+

user\_id is the primary key of this table.

This table has the info of the users of an online shopping website where users can sell and buy items.

Table: Orders

+---------------+---------+

| Column Name | Type |

+---------------+---------+

| order\_id | int |

| order\_date | date |

| item\_id | int |

| buyer\_id | int |

| seller\_id | int |

+---------------+---------+

order\_id is the primary key of this table.

item\_id is a foreign key to the Items table.

buyer\_id and seller\_id are foreign keys to the Users table.

Table: Items

+---------------+---------+

| Column Name | Type |

+---------------+---------+

| item\_id | int |

| item\_brand | varchar |

+---------------+---------+

item\_id is the primary key of this table.

Write an SQL query to find for each user, the join date and the number of orders they made as a buyer in **2019**.

The query result format is in the following example:

Users table:

+---------+------------+----------------+

| user\_id | join\_date | favorite\_brand |

+---------+------------+----------------+

| 1 | 2018-01-01 | Lenovo |

| 2 | 2018-02-09 | Samsung |

| 3 | 2018-01-19 | LG |

| 4 | 2018-05-21 | HP |

+---------+------------+----------------+

Orders table:

+----------+------------+---------+----------+-----------+

| order\_id | order\_date | item\_id | buyer\_id | seller\_id |

+----------+------------+---------+----------+-----------+

| 1 | 2019-08-01 | 4 | 1 | 2 |

| 2 | 2018-08-02 | 2 | 1 | 3 |

| 3 | 2019-08-03 | 3 | 2 | 3 |

| 4 | 2018-08-04 | 1 | 4 | 2 |

| 5 | 2018-08-04 | 1 | 3 | 4 |

| 6 | 2019-08-05 | 2 | 2 | 4 |

+----------+------------+---------+----------+-----------+

Items table:

+---------+------------+

| item\_id | item\_brand |

+---------+------------+

| 1 | Samsung |

| 2 | Lenovo |

| 3 | LG |

| 4 | HP |

+---------+------------+

Result table:

+-----------+------------+----------------+

| buyer\_id | join\_date | orders\_in\_2019 |

+-----------+------------+----------------+

| 1 | 2018-01-01 | 1 |

| 2 | 2018-02-09 | 2 |

| 3 | 2018-01-19 | 0 |

| 4 | 2018-05-21 | 0 |

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