Table: Activity

```
+----------------+---------+
| Column Name    | Type    |
+----------------+---------+
| machine_id     | int     |
| process_id     | int     |
| activity_type  | enum    |
| timestamp      | float   |
+----------------+---------+
The table shows the user activities for a factory website.
(machine_id, process_id, activity_type) is the primary key of this table.
machine_id is the ID of a machine.
process_id is the ID of a process running on the machine with ID machine_id.
activity_type is an ENUM of type (&#39;start&#39;, &#39;end&#39;).
timestamp is a float representing the current time in seconds.
&#39;start&#39; means the machine starts the process at the given timestamp and &#39;end&#39
The &#39;start&#39; timestamp will always be before the &#39;end&#39; timestamp for every (m
```

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There is a factory website that has several machines each running the **same number of proce

The time to complete a process is the ``&#39;end&#39; timestamp`` minus the ``&#39;start&#39

The resulting table should have the ``machine_id`` along with the **average time** as ``proc

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

The query result format is in the following example.
```

```
<strong class="example">Example 1:**
```

Input: Activity table: +————+————+————+————+ | machine_id | process_id | activity_type | timestamp | +————+————+————+————+ | 0 | 0 | start | 0.712 | | 0 | 0 | end | 1.520 | | 0 | 1 | start | 3.140 | | 0 | 1 | end | 4.120 | | 1 | 0 | start | 0.550 | | 1 | 0 | end | 1.550 | | 1 | 1 | start | 0.430 | | 1 | 1 | end | 1.420 | | 2 | 0 | start | 4.100 | | 2 | 0 | end | 4.512 | | 2 | 1 | start | 2.500 | | 2 | 1 | end | 5.000 | +————+————+————+————+ Output: +————+————————+ | machine_id | processing_time | +————+————————+ | 0 | 0.894 | | 1 | 0.995 | | 2 | 1.456 | +————+————————+ Explanation: There are 3 machines running 2 processes each. Machine 0's average time is ((1.520 - 0.712) + (4.120 - 3.140))

/ 2 = 0.894 Machine 1's average time is ((1.550 - 0.550) + (1.420 - 0.430)) / 2 = 0.995 Machine 2's average time is ((4.512 - 4.100) + (5.000 - 2.500)) / 2 = 1.456 “‘