1. Create a table using below information.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Product Name** | **Issue Date** | **Price** | **Brand** | **Country** | **Product number** |
| Washing Machine | 1648770933000 | 20000 | Samsung | India | 0001 |
| Refrigerator | 1648770999000 | 35000 | LG | null | 0002 |
| Air Cooler | 1648770948000 | 45000 | Voltas | null | 0003 |

After creating table, please find the below points;

1. Convert the Issue Date with the timestamp format.

**Example**:

**Input**: 1648770933000 -> **Output**: 2022-03-31T23:55:33.000+0000

**Input**: 1648770999000 -> **Output**: 2022-03-31T23:56:39.000+0000

**Input**: 1648770948000 -> **Output**: 2022-03-31T23:55:48.000+0000

1. Convert timestamp to date type

**Example: Input**: 2022-03-31T23:55:33.000+0000 -> **Output**: 2022-03-31

1. Remove the starting extra space in Brand column for LG and Voltas fields
2. Replace null values with empty values in Country column
3. Create a table using below information

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SourceId** | **TransactionNumber** | **Language** | **ModelNumber** | **StartTime** | **Product Number** |
| 150711 | 123456 | EN | 456789 | 2021-12-27T08:20:29.842+0000 | 0001 |
| 150439 | 234567 | UK | 345678 | 2021-12-27T08:21:14.645+0000 | 0002 |
| 150647 | 345678 | ES | 234567 | 2021-12-27T08:22:42.445+0000 | 0003 |

After creating table, please find the below points;

1. Change the camel case columns to snake case

Example: SourceId: source\_id, TransactionNumber: transaction\_number

1. Add another column as start\_time\_ms and convert the values of StartTime to milliseconds.

**Example**:

Input: 2021-12-27T08:20:29.842+0000 -> Output: 1640593229842

Input: 2021-12-27T08:21:14.645+0000 -> Output: 1640593274645

Input: 2021-12-27T08:22:42.445+0000 -> Output: 1640593362445

Input: 2021-12-27T08:22:43.183+0000 -> Output: 1640593363183

1. Combine both the tables based on the **Product Number**

* and get all the fields in return.
* And get the country as **EN**