ETL process - Merging Tables

Tables Airport1 and Airport2 contain information about airports. These two tables are coming from different DBs. You are asked to clean and merge them.

The first table has the following schema:

```
Table Airport1

    airport_ID int(11) primary key

    airport_Name varchar(100)

    airport_Country varchar(100)   /* full country name

    altitude int            /* in meters

    active varchar(1)   ('Y' or 'N', Y = active, N = non active)
```

The altitude is in meters.

The second table has the following schema:

```
Table Airport2

    a_ID int(11) primary key

    a_Name varchar(100)

    a_country_di varchar(10) /* code of the country, not full name

    altitude int
```

The altitude is in feet. The name of the country is stored as an international code (usually a 2-digits code).

You have also a lookup table for country names and country codes:

```
Table country_code

    country_name varchar(100)  /* such as "United Kingdom"

    country_id varchar(100)     /* such as "UK"
```

The mane of an airport is unique for both the tables and it might be repeated across the two tables. This means that, if two airports from different tables have the same name then the airports refer to the same physical airport.

You are required to merge the two tables into one table called Aiport_merged. You need to match and discard repeated airports, put all the altitudes in feet and use only the country code and not the full country name. Discard not active airports!

Conversion : 1 meter = 3.28 feet

Therefore the table Airport_merged should be as follows:

```
Table Airport_merged

    airport_ID int(11) primary key

    airport_name varchar(100)

    country_code varchar(10)    /* only code allowed!

    altitude int                /* in feet not meters!
```


IMPORTANT

Download and execute the sql script **airports.sql** to create the tables Airport1, Airport2 and Country_code and populate them with data.