Attached is export in CSV format from calls database which has following fields: Customer ID,

Call Date, Duration in seconds, Dialed Phone Number, Customer IP that initiated the call.

1. You are required to create a form for uploading file in this format with these fields.

2. The resulting page should show the statistics table with the following fields:

- CustomerId
- Number of calls within the same continent
- Total Duration of calls within the same continent
- Total number of all calls
- The total duration of all calls

3. In order to define the continent of initiating IP use ipstack.com service.

- Documentation is available at https://ipstack.com/documentation.
- API Key for your requests - d9f000dbc0237078dfb39bf8033d244c.

4. In order to define the continent of Dialed Phone Number use Geonames.

- Database available for download at http://download.geonames.org/export/dump/countryInfo.txt. (you can also find parsed file)

Requirements:

- Task must be accomplished using PHP Programming Language.
- No Frameworks, you can use composer, libraries if you want
- Object-Oriented code required.
- No Apache, No Nginx. Just run php server.
- It must be link on github, from where I can pull our code.

You have time _____

Feel free to implement something different.

## Task Explanation

Here is an example of processing data for rows from export file that belongs to Customer ID 7232:

**7232,2018-12-27 17:19:47,40,995376870861,116.52.75.78**

➔ phone number 995376870861 starts with country prefix of Georgia (995) which is from continent "AS" (Asia)

➔ IP 116.52.75.78 according to ipstack API is from continent "AS" (Asia)

➔ this call will be counted as same continent call and total calls issued by customer

**7232,2018-12-27 18:12:19,186,223923555260,145.81.57.99**

➔ phone number 223923555260 starts with country prefix of Mali (223) which is from continent "AF" (Africa)

➔ IP 145.81.57.99 according to ipstack API is from continent "EU" (Europe)

➔ this call won't be counted as same continent call, but only in total calls issued by customer

**7232,2018-12-28 00:31:25,29,223728461785,218.99.136.57**

➔ phone number is from "AF" (Africa), IP is from "AS" (Asia), counting in total calls only

**7232,2018-12-28 01:32:59,80,223370113241,87.190.148.217**

➔ phone number is from "AF" (Africa), IP is from "EU" (Europe), counting in total calls only

**7232,2018-12-28 04:07:09,247,359237510504,63.81.174.152**

➔ phone number is from "EU" (Europe), IP is from "NA" (North America), counting in total calls only

**7232,2018-12-31 12:39:10,151,27103356699,37.35.105.218**

➔ phone number is from "AF" (Africa), IP is from "AF" (Africa), counting in both within continent and total calls

**7232,2018-12-31 15:13:00,263,52810795470,145.81.57.99**

➜ phone number is from "NA" (North America), IP is from "EU" (Europe), counting in total calls only

**7232,2018-12-31 18:13:59,212,590160505136,37.35.105.218**

➜ phone number is from "NA" (North America), IP is from "AF" (Africa), counting in total calls only

**As a result report for Customer ID 7232 we have:**

➜ *Number of customer's calls within same continent*: **2**

➜ *Total duration of customer's calls within same continent*: **191 seconds**

➜ *Number of all customer's calls*: **8**

➜ *Total duration of all customer's calls*: **1208 seconds**.