**SQL QUERY**



1. Create SQL QUERY for insert data to TABEL KONTRAK using data below



1. Create SQL QUERY for edit data from TABEL DEBITUR using data below

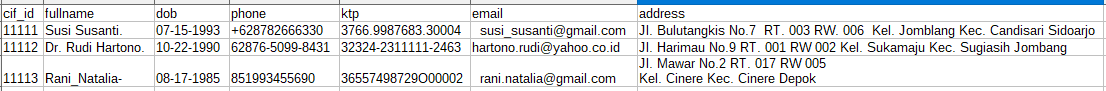


1. Create SQL QUERY for delete data from TABEL KONTRAK using data below



1. Create SQL QUERY for display data “jumlah pinjaman” as below (JUMLAH PINJAMAN = OTR - DP)

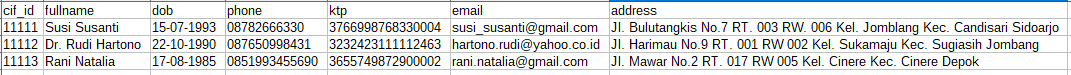
**SOAL TEST PROGRAMMING**



Using data above, use any programming language to clean the messy data with rules below:

1. fullname can’t have symbol character except dot(.), But the dot(.) can’t be in the end of the sentence.
2. DOB (Date of birth) must have format dd-mm-yyyy (day-month-year)
3. phone only consist of number and the beginning of the phone must be 0 (Format 62/+62 changed to 0).
4. KTP only consist number.
5. All of the data can’t have leading whitespace, trailing whitespace, tab (\t) and newline (\n)

The following is an example of the correct data:



**ANALYSIS**

The data contains some information related to suicide rate around the world. Please perform some insightful analysis based on the data. You might also use another related data from other source to complement your analysis on the data given. Please use presentation format. The file is provided in the folder task with name suicide.csv.

**NATURAL LANGUAGE PROCESSING**

A collection of tweets, labeled with 1 if it relates to disaster and 0 if it's not. Generate a model which perform classification task to decide if a tweet relate to disaster or not, using the data tweets given. You can use disaster\_response\_messages\_training.csv for training data, disaster\_response\_messages\_validation.csv for validation data, and disaster\_response\_messages\_test.csv for testing data.