Medicaid Expenses

```
Step 1
Read 8967 records.
Skipped 1031 records.

Step 2
Min. Expense is 73.55
Max. Expense is 37886564.68

Step 3
Average is 300470.4913192823

Step 4

Lower: 100000

Upper: 300000
There are 2442 records.

Step 5
1 - 37886564.68
2 - 29968390.5
3 - 28299821.19
4 - 21201875.4
5 - 18011953.4
6 - 17388721.28
7 - 17236116.86
8 - 16996085.0
9 - 11726777.5
10 - 11062820.0
11 - 10856290.54
12 - 10354301.45
13 - 9870300.0
14 - 9576822.0
15 - 8882500.0
16 - 8326617.85
17 - 7961400.0
18 - 7319554.0
19 - 7313796.6
20 - 6954422.99

Step 6
118659.0
```

Attached you will find a dataset downloaded from the Centers for Medicaid and Medicare Services

https://tinyurl.com/y2k39h42

I picked only one of the columns (and shortened the number of rows) representing payments made for medicaid expenses.

Our goal is to create the python code that would allow us to get some insight about this data-set (only using lists and/or dictionaries).

Step 1 (40 points): Read the data set into a data structure of your choice.

a) You will notice that there is some empty data in the file clearly marked as “XXXX” -- make sure to skip the empty rows.

b) Skip any rows that are zero.

c) Report how many records are read, and how many empty rows are skipped.

Step 2 (40 points): Report minimum, maximum on the data set.

Step 3 (40 points): Report the average on the paid expenses that are larger than $100,000. Make sure that you are using a loop (for loop) for this.

Step 4 (40 points): Get upper bound and lower bound from the user and report how many records are within the bounds (inclusive).

Step 5 (20 points): Report the top 10 most expensive paid medicaid expenses.

Step 6 (20 points): Report median on the data (not average). This is the number in the middle of the dataset.