HOMEWORK 2

PROGRAMMING EXERCISE - IRIS SPECIES

1. Write a program (Python3) to read the IRIS data file ("iris_dataset.txt").
2. Find the median values of each feature (length and with of petals and sepals, total 4) from the input data.
3. Print the median values (2 digits after decimal point), separated by comma, on the console screen.
4. Count how many for each species: *Setosa (0), versicolor (1),* or *virginica (2)*
5. Randomly rearrange the 150 datasets and print each dataset in one line in thae local text file ("yourID_name_iris_data.csv"). The 5 values of each dataset are separated by comma.
6. The data and format of the "iris_dataset.txt" file is shown below.
7. Estimate time needed: 1-4 hours
8. Due time: submit your python program ("yourID_name_iris_io.py") before next lecture time