

## Homework 9 : I/O Streams

In this homework, you are to develop an application which processes the CountryInfo.txt and creates a file named “out.txt” containing a fourth column, “density”, in addition to the existing columns in the input file as shown below. Density column will contain the population density[1] value for each country.

country	area sq.km.	population	density
...	...	...	...
...	...	...	...

Note that the input file is tab delimited. The output file should also be tab delimited. Furthermore the countries in the output file should be listed in descending order by density. You can download CountryInfo.txt from Homework Section of Resources page at piazza.

**Due date: 18.04.2016 13:30**

### Submission:

- You will submit your homework to **onurkilincceker@gmail.com**
- Write CENG 1004 HW9 in the subject line of your email.
- To this email, you should attach your compressed deliverable file (zip file) which contains the source files of your application.
- The name of your zip file should be in the following format: StudentID\_HW9.zip and you should replace StudentID with your own ID number. Assuming 1007090002 is your ID number, then the name of your zip file should be 1007090002\_HW9.zip

### References

[1] [https://en.wikipedia.org/wiki/Population\\_density](https://en.wikipedia.org/wiki/Population_density)