**Assignment 1**

This assignment will be graded by 10 point scale and could compose 10% of your total grade. You must send the Python code and the report till 28/Feb/2019.

* **Programming**: Don't use native Python functionality in case the task states to *implement***.**
* **Report**: It is intended to the reader who is not familiar neither with the task nor with the problem. Reports should contain expressive language, details, plots and arguments. Every your conclusion or proposition should be backed up with an experiment.

Take attention on the following criteria:

* descriptive statistics
* Interpretations
* Variety of plots
* Detailed explanation of plot
* The topic of outliers
* Distribution of the data
* Modality of the data
* Linear relationship
* Creativity

I guess you can ask why we need to know about distribution of attributes or why we are doing comparison between distributions of weight (or height) and normal. I will answer in advance. The matter is that,