Homework 2

1) Design **NFA** that accepts the set of strings of {a,b}such that the number of symbols between two b's is divisible by 4. Example: ababa**baaaab**abab, ba**bb**aa (since 0 is divisible by 4), aba**bababb**aa

1) Design an **ε-NFA** which accepts set of all strings $\{b^x \mid x$ is odd or x mod 3 is 0$\}$.

Attention: **Prepare and submit your homework with the given properties below. Otherwise your homework will not be accepted.**

- Solutions should be prepared with the program **JFLAP**. Design your automata and test it. After you finish it, save your model (.jff file).

  - Download version: JFLAP Version 7.1
    http://www.jflap.org/jflaptmp/

  - How to use:
    http://www.jflap.org/jflaptmp/toRun.html

- Since there are 2 questions, you should have two "jff" files. Thus, zip your file and name your zip file with the format: **NameSurnameHwX** (Example CagriYesilHw2.zip). Submit to coadsys.