Homework 2

1. Create the "homeworks/HW2/myetc" directory(-ies) in your home directory with one(!) command and copy all files from /etc ending with "f" and containing a dot ".", or starting with "u" and the second character being "p" to this newly created directory.
2. Compress this newly created directory with zip and uncompress it again into a NEW directory homework/HW2/myetc_tmp (see man unzip)
3. List all files in /usr/bin that does not(!) start with "c" or "d", but they can start with "cd" or "dc". The command should have only one argument, so a smart combination of wildcards is needed.
4. Link (soft/sym link) all files starting with "d" and the second letter NOT BEING "x" from both /usr/bin and /sbin to homework/bin (using one command)
5. Download the https://www.mff.cuni.cz/data/web/obsah/kfa/teaching/linux/materials/AirBase_v8_config.csv file and compress it with all possible methods. Then compare the size of the resulting compressed files (using ls with the "human readable" flag).
6. What happens if you move a softlink that is created using absolute and relative path to a different directory. Will it point to the right file in both cases?
7. It was not mentioned on the lecture, but what happens to input file if gzip (or bzip2) is used and how to change this behavior? (try it out and then check the man pages)