# Assignment

- Create a program that prints out a textual file (given as a commandline argument) converted to upper case or lower case
  - decision based on an additional parameter
    - converter.py –U file
      - to upper case
    - converter.py –L file
      - to lower case

# Assignment

- Create a variant of the unix CUT tool
  - splits input to columns and prints out chosen columns
  - reads from std input and prints to std output
  - command line arguments
    - –d "character"
      - column delimiter
    - –f "which columns should be printed"
      - N … N-th column
      - N- … from N-th column till the last one
      - -M … from the first one till M-th one
      - M-N … from M-th one to N-th one
  - examples
    - cut.py –d : –f 1,3,5
      - columns delimited by ":" and printing 1st,3rd and 5th column
    - cut.py –d . –f 3-5
      - columns delimited by "." and printing 3rd, 4th and 5th column

# Assignments

- Create as simple scheduler (a “TODO” list)
  - data are stored in a file
  - manipulation via parameters of the command line
    - todo.py -a priority message
      - adds the message with given priority
      - priority is integer (can be even negative)
    - todo.py -l
      - prints out the messages sorted by priority decreasingly
    - todo.py -r
      - prints out the messages sorted by priority increasingly
    - todo.py -d
      - interactive
      - prints out all messages (formatted as order number then message)
      - asks the user which message should be deleted
      - deletes the message