The second task of this laboratory session is to implement a script called **smutt** which simulates the linux command `mutt` (for e-mail management, specified below) and which also provides the functionality necessary *to use the* stenography on data to transmit (using the `steghide` command specified below).

With the command `mutt` we can read and write e-mails, In particular, the command can be used with these parameters:

`mutt [-s subj] [-a file] addr -a file` is a file to send as an attachment`-s subj` is the subject of mail to write `addr` is the recipient address.

`steghide` is a command for execution of stenography operations, for examples inserting data in a graphic file any file type. It can be invoked as:

`steghide embed -cf cfilename -ef efilename -sf sfilename`

`embed` means that it is performed a insert operation of a file inside another graphic file

`-cf cfilename` is a graphic file for *embedding operation*

`-ef efilename` is the file to hide

`-sf sfilename` is the name of the output file

Perl script **smutt** should be invoked as follows:

`steghide -ef efilename -sf sfilename address`

The script should:

1. read from standard input an original file where to embed the content of `efilename` (this can be specified with the `-ef` parameter) and then make a stenograph-ed file `sfilename` using the `steghide` command

2. send as attachment via e-mail the new file `sfilename` to specified address `address` with the `mutt` command.

Other alternatives to *mutt* can be used provided they can handle attachments (e.g. *mailx*)