

```
#!/bin/bash
# copy all files in the directory to an output one renaming them
# sequentially.

#           GNU LESSER GENERAL PUBLIC LICENSE
#           Version 2.1, February 1999
#
# Copyright (C) 1991, 1999 Free Software Foundation, Inc.
# 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
# Everyone is permitted to copy and distribute verbatim copies
# of this license document, but changing it is not allowed.
#
# http://www.gnu.org/licenses/old-licenses/lgpl-2.1.txt
#

OUT_DIR=out
PAD_LENGTH=5

if [ -z "$1" ] || [ -z "$2" ] ; then
    echo "./move.sh <number-to-start-from> <extension>"
    echo " "
    echo "./move.sh 12 JPG"
else
    # testing output directory exist. if not create it.
    if [ ! -d ${OUT_DIR} ] ; then
        mkdir ${OUT_DIR}
    fi

    COUNTER=$1
    EXT=$2

    for file in *.${EXT} ; do
        OUTFILE=$(printf "%0${PAD_LENGTH}i\n" "${COUNTER}")
        cp -v $file ${OUT_DIR}/${OUTFILE}.${EXT};
        let COUNTER++;
    done
fi
```