

```
#####
#
# https://github.com/Galytskyi/plvision/tree/master/01_Git_Linux
#
#####
#
# Task1_static_lib
#
#####

gcc -Wall -Werror -Wextra -c diff.c div.c fact.c header.h mul.c sqrt.c
sum.c

#####

ar -rc libcalc.a *.o

ranlib libcalc.a

ar -t libcalc.a

    diff.o
    div.o
    fact.o
    mul.o
    sqrt.o
    sum.o

#####

gcc main.c -L . -l calc -o main

#####

ldd main
    linux-vdso.so.1 (0x00007ffc5b5d7000)
    libc.so.6 => /lib/x86_64-linux-gnu/libc.so.6 (0x00007f918d651000)
    /lib64/ld-linux-x86-64.so.2 (0x00007f918d887000)

#####

#####
#
# Task2_shared_lib
#
#####

gcc -Wall -Werror -Wextra -fpic -c low.c uper.c

#####

gcc -shared -o libcalc.so *.o
```

```
gcc main.c -L . -l calc -o main

#####

export LD_LIBRARY_PATH=`pwd`:LD_LIBRARY_PATH
unset LD_LIBRARY_PATH

#####

gcc main.c -L . -l calc -Wl,-rpath=$(pwd) -Wall -o main

#####

#####
#
# Task3/Makefile_for_task1
#
#####

make
make clean

#####

#####
#
# Task3/Makefile_for_task2
#
#####

make

#####

export LD_LIBRARY_PATH=`pwd`:LD_LIBRARY_PATH
unset LD_LIBRARY_PATH

#####

make clean

#####
```