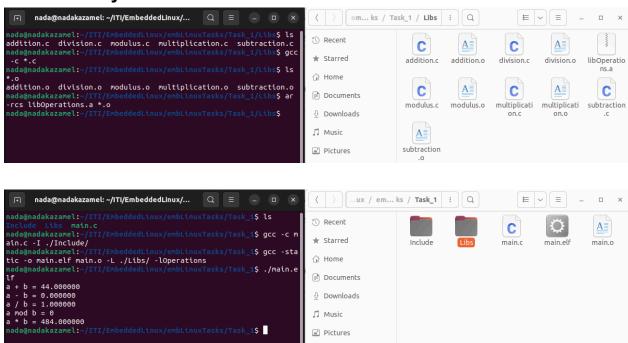
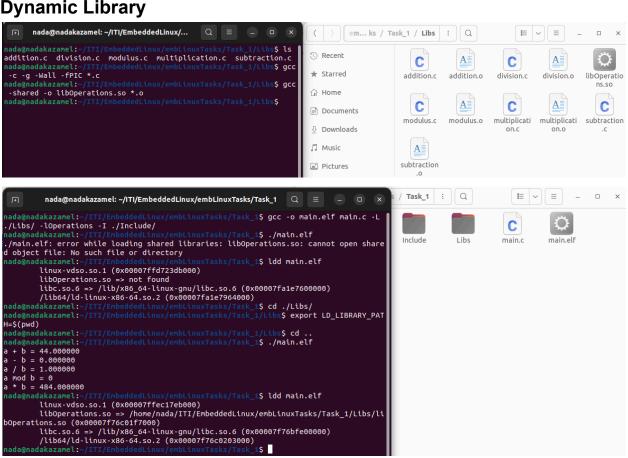
Static Library



Dynamic Library



1) Ldd command

```
nada@nadakazamel:~/ITI/EmbeddedLinux/embLinuxTasks/Task_1 Q = - - ×

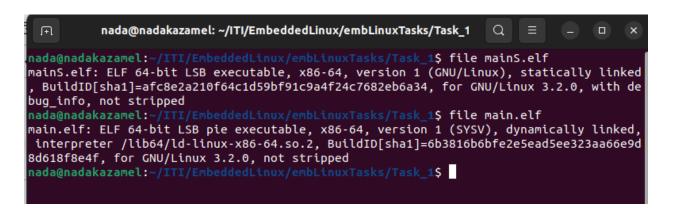
nada@nadakazamel:~/ITI/EmbeddedLinux/embLinuxTasks/Task_1$ ldd mainS.elf
    not a dynamic executable

nada@nadakazamel:~/ITI/EmbeddedLinux/embLinuxTasks/Task_1$ ldd main.elf
    linux-vdso.so.1 (0x00007fffb22d4000)
    libOperations.so => /home/nada/ITI/EmbeddedLinux/embLinuxTasks/Task_1/Libs/li

bOperations.so (0x00007fb93199e000)
    libc.so.6 => /lib/x86_64-linux-gnu/libc.so.6 (0x00007fb931600000)
    /lib64/ld-linux-x86-64.so.2 (0x00007fb9319aa000)

nada@nadakazamel:~/ITI/EmbeddedLinux/embLinuxTasks/Task_1$
```

2) File command



3) Objdump command

```
nada@nadakazamel:~/ITI/EmbeddedLinux/embLinuxTasks/Task_1$ objdump -t mainS.elf
               file format elf64-x86-64
mainS.elf:
SYMBOL TABLE:
                     df *ABS* 000000000000000 crt1.o
00000000000000000 l
00000000004002c4 l
                      O .note.ABI-tag 00000000000000020 __abi_tag
                      df *ABS* 000000000000000 assert.o
00000000000000000 l
0000000000498570 l
                                         0000000000000013 errstr.0
                      O .rodata
                     F .text 000000000000000f __assert_fail_base.cold
df *ABS* 00000000000000000000 loadmsgcat.o
00000000004011c0 l
00000000000000000 1
                     0 .bss 000000000000010 lock.0
00000000004c7cb0 l
00000000004011cf l
                      F .text 0000000000000005 nl load domain.cold
00000000000000000 l df *ABS* 000000000000000 abort.o
```

"Small screenshot"

```
nada@nadakazamel:~/ITI/EmbeddedLinux/embLinuxTasks/Task_1$ objdump -T main.elf
            file format elf64-x86-64
main.elf:
DYNAMIC SYMBOL TABLE:
                   DF *UND* 00000000000000000 (GLIBC_2.34) __libc_start_main
0000000000000000
                   D *UND*
                                                       ITM_deregisterTMCloneTable
0000000000000000 w
                            0000000000000000 Base
                   DF *UND* 000000000000000 Base
00000000000000000
                                                       add
0000000000000000
                   DF *UND* 000000000000000 Base
                                                       multiply
                   DF *UND* 0000000000000000 (GLIBC_2.2.5) printf
0000000000000000
0000000000000000
                   DF *UND* 000000000000000 Base
                                                      modulus
0000000000000000
                 DF *UND* 000000000000000 Base
                                                      division
0000000000000000 w D *UND*
                            0000000000000000 Base
                                                       __gmon_start__
subtract
                                                       _ITM_registerTMCloneTable
0000000000000000 w DF *UND* 00000000000000 (GLIBC_2.2.5) __cxa_finalize
nada@nadakazamel:~/ITI/EmbeddedLinux/embLinuxTasks/Task_1$
```