שאלה 4 1 -שימוש בכלים שנלמדו בתרגול 2:

file:

```
user@user-VirtualBox:~/Desktop/ex1/task_a$ file main1_3
main1_3: ELF 64-bit LSB shared object, x86-64, version 1 (SYSV), dynamically linked, interpreter /lib64/ld-linux-x86-64.so.
2, BuildID[sha1]=f577a59562c7add90d257d40acc06d18f13ee42f, for GNU/Linux 3.2.0, with debug_info, not stripped
user@user-VirtualBox:~/Desktop/ex1/task_a$ file libhello_ariel.so
libhello_ariel.so: ELF 64-bit LSB shared object, x86-64, version 1 (SYSV), dynamically linked, BuildID[sha1]=fd9c21ee7b5cd3
5afb8ad26fb7022cb8f4ef0e6d, with debug info, not stripped
```

nm:

```
Box:~/Desktop/ex1/task_a$ nm libhello_ariel.so
0000000000004028 b completed.8060
w __cxa_finalize@@GLIBC_2.2.5

0000000000001060 t deregister_tm_clones
0000000000010d0 t __do_global_dtors_aux
000000000003e18 d __do_global_dtors_aux_fini_array_entry
00000000000004020 d __dso_handle
00000000000003e20 d _DYNAMIC
0000000000001130 t _fini
0000000000001110 t frame_dummy
0000000000003e10 d __frame_dummy_init_array_entry
__gmon_start
                            GNU_EH_FRAME_HDR
000000000000200с г
0000000000001119 T
                          hello_ariel
                          _init
_ITM_deregisterTMCloneTable
0000000000001000 t
                          __ITM_registerTMCloneTable
                       W
                       U puts@@GLIBC_2.2.5
                          register_tm_clones
__TMC_END
0000000000001090 t
0000000000004028 d
```

ldd:

Itrace:

```
user@user-VirtualBox:~/Desktop/ex1/task_a$ ltrace ./main1_1
hello ariel
+++ exited (status 0) +++
```

strace: