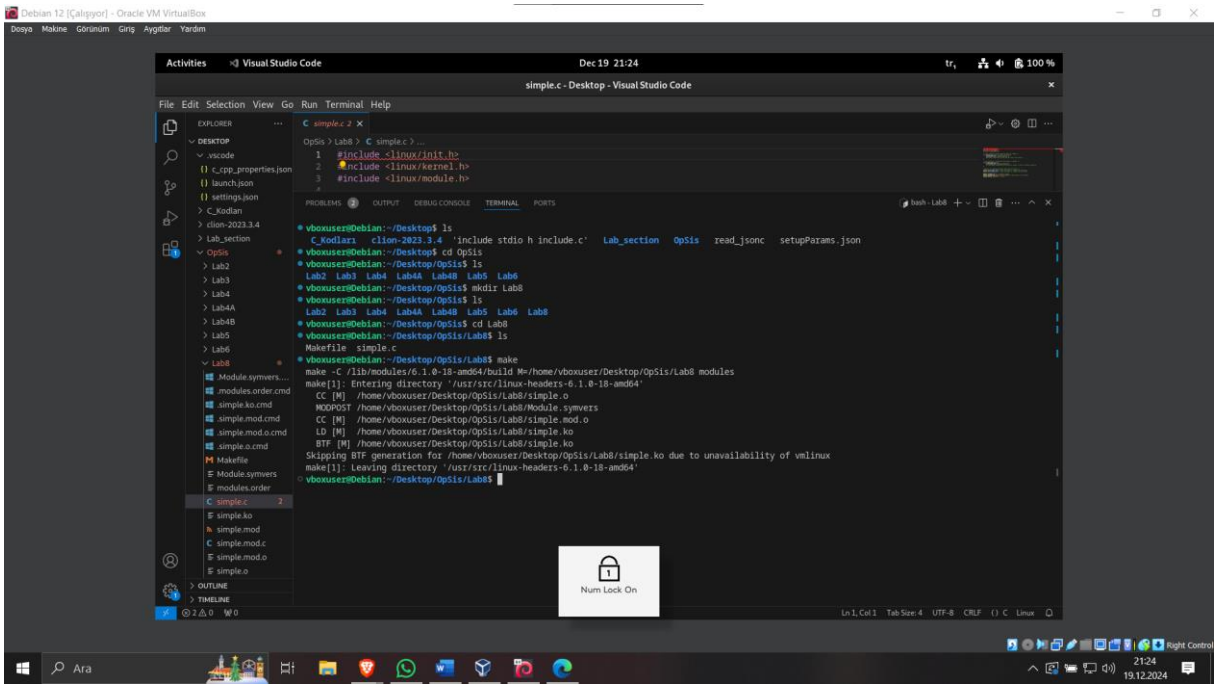
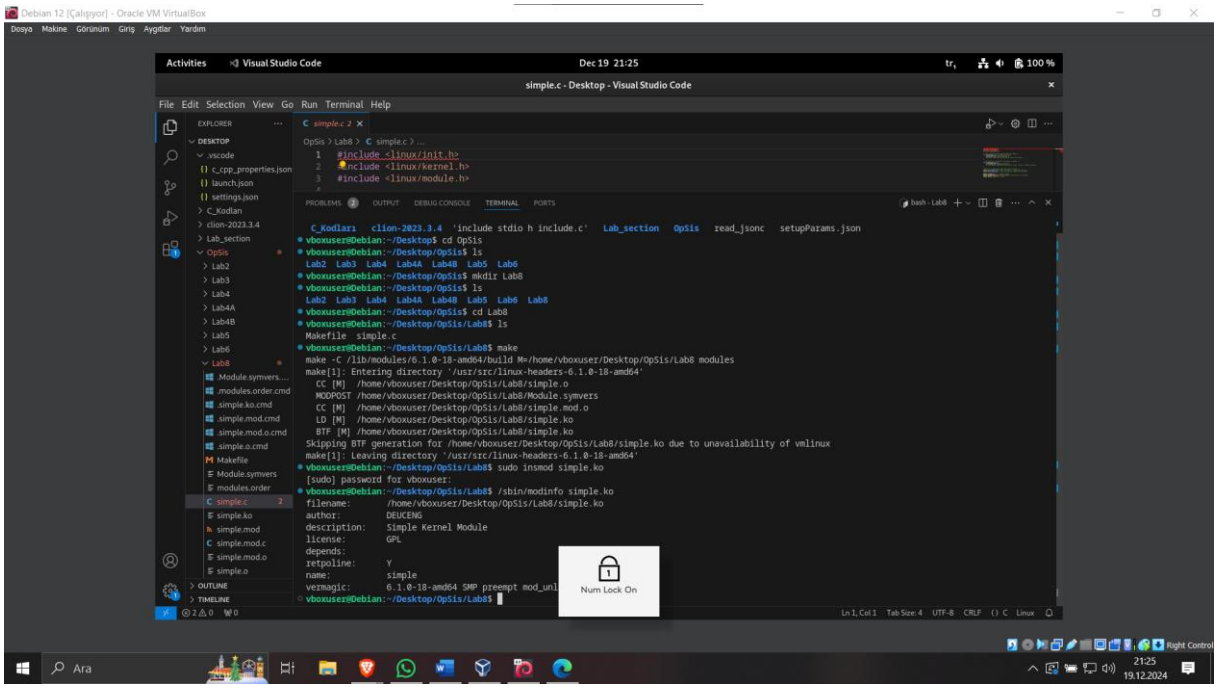
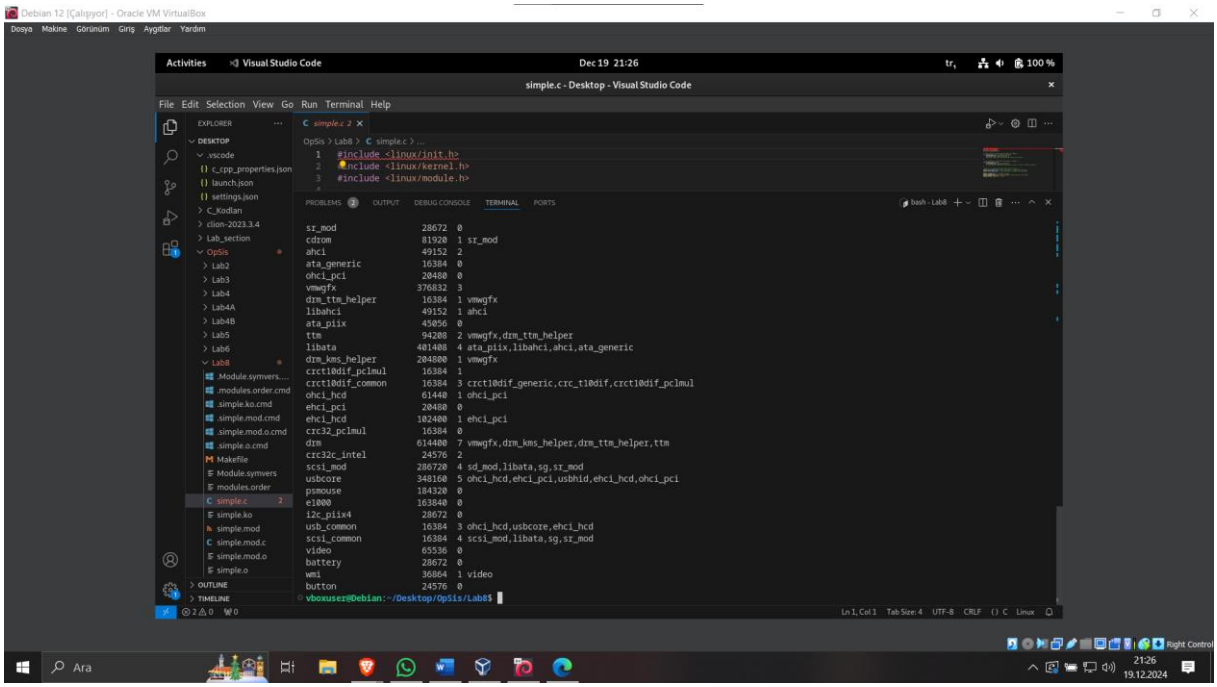
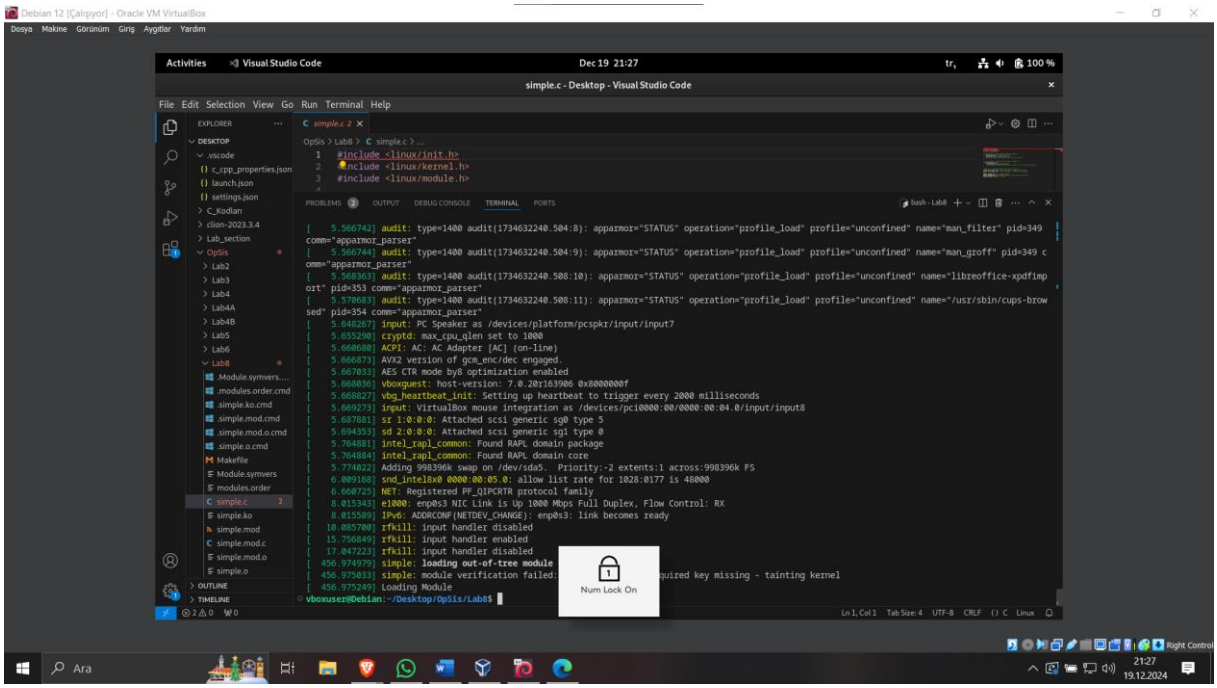
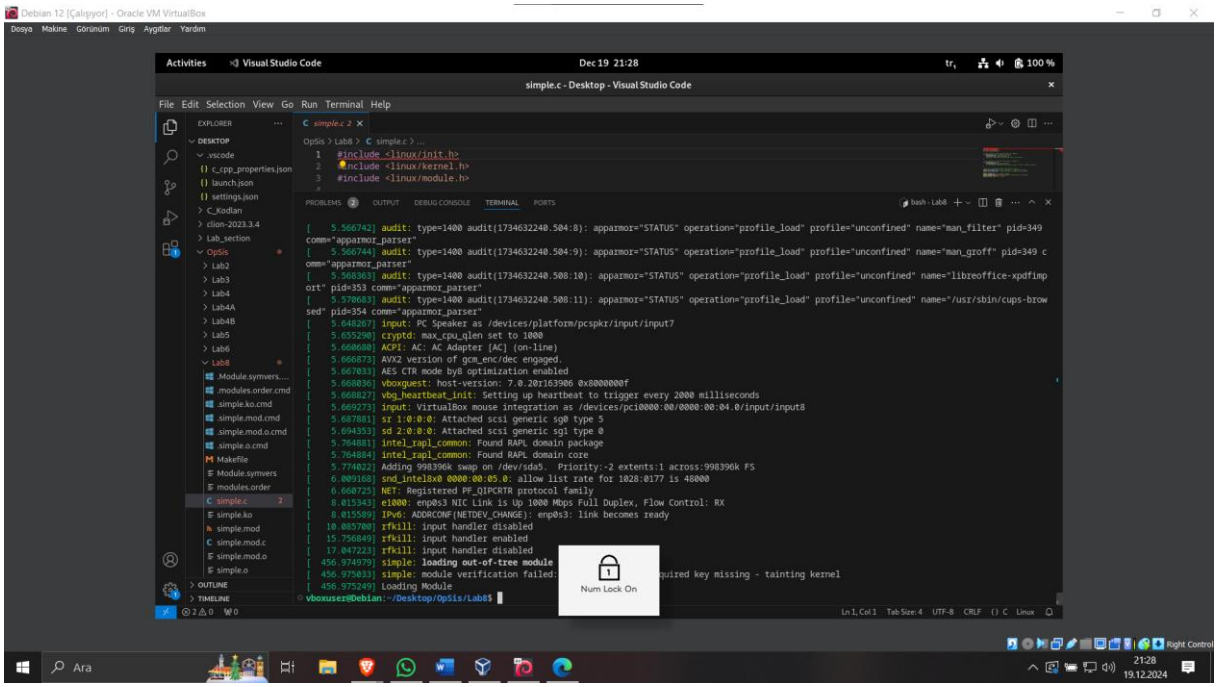
2021510010 – Çağrı AYDIN – LAB 08

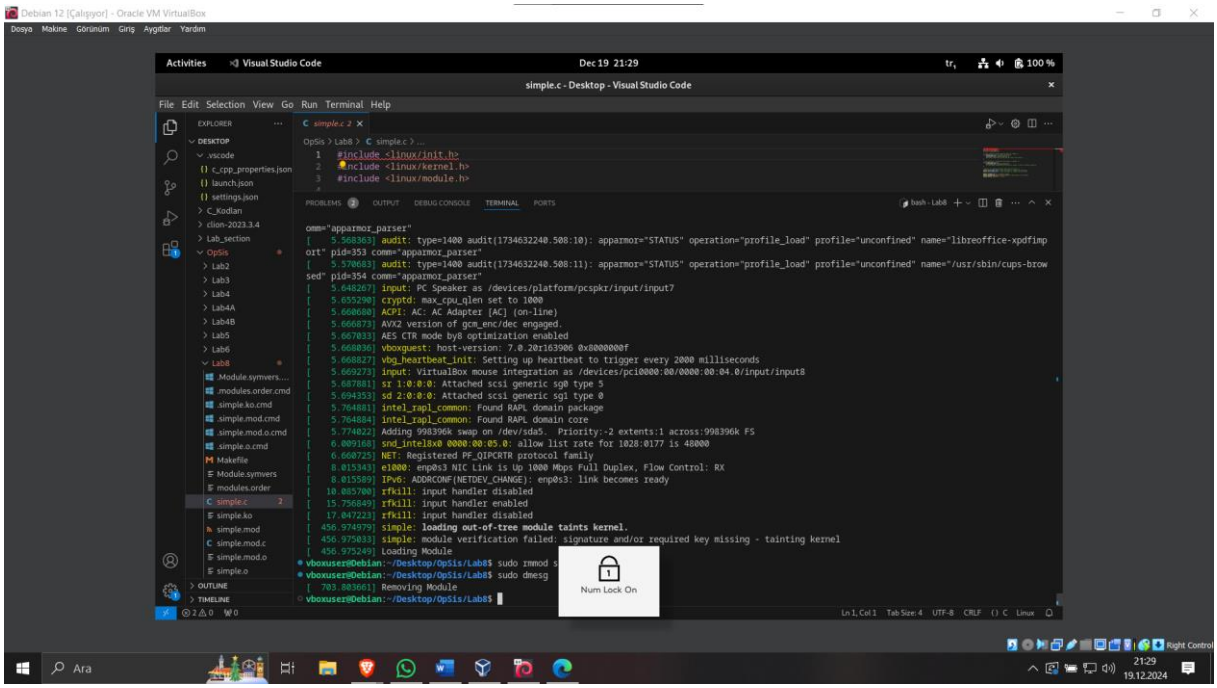





Debian 12 [Çalışıyor] - Oracle VM VirtualBox
Dosya Makine Görünüm Giriş Aygıtlar Yardım
Activities
Visual Studio Code
Dec 19 21:26
simple.c - Desktop - Visual Studio Code
File Edit Selection View Go Run Terminal Help
#include <linux/init.h>
#include <linux/kernel.h>
#include <linux/module.h>
sr_mod 28672 0
cdrom 81920 1 sr_mod
ahci 49152 2
ata_generic 16384 0
ohci_pci 20480 0
vmwgfx 376832 3
drm_ttm_helper 16384 1 vmwgfx
libahci 49152 1 ahci
ata_piix 45056 0
ttm 94208 2 vmwgfx,drm_ttm_helper
libata 401408 4 ata_piix,libahci,ahci,ata_generic
drm_kms_helper 204800 1 vmwgfx
crct10dif_pclmul 16384 1
crct10dif_common 16384 3 crct10dif_generic,crc_t10dif,crct10dif_pclmul
ohci_hcd 61440 1 ohci_pci
ehci_pci 20480 0
ehci_hcd 102400 1 ehci_pci
crc32_pclmul 16384 0
drm 614400 7 vmwgfx,drm_kms_helper,drm_ttm_helper,ttm
crc32c_intel 24576 2
scsi_mod 286720 4 sd_mod,libata,sg,sr_mod
usbcore 348160 5 ohci_hcd,ehci_pci,usbhid,ehci_hcd,ohci_pci
psmouse 184320 0
e1000 163840 0
i2c_piix4 28672 0
usb_common 16384 3 ohci_hcd,usbcore,ehci_hcd
scsi_common 16384 4 scsi_mod,libata,sg,sr_mod
video 65536 0
battery 28672 0
wmi 36864 1 video
button 24576 0
vboxuser@Debian:~/Desktop/OpSis/Lab8$
Right Control
Ara
21:26
19.12.2024


Debian 12 [Çalışıyor] - Oracle VM VirtualBox
Dosya Makine Görünüm Giriş Aygıtlar Yardım
Activities
Visual Studio Code
Dec 19 21:27
simple.c - Desktop - Visual Studio Code
File Edit Selection View Go Run Terminal Help
#include <linux/init.h>
#include <linux/kernel.h>
#include <linux/module.h>
[5.566742] audit: type=1400 audit(1734632240.504:8): apparmor="STATUS" operation="profile_load" profile="unconfined" name="man_filter" pid=349 comm="apparmor_parser"
[5.566744] audit: type=1400 audit(1734632240.504:9): apparmor="STATUS" operation="profile_load" profile="unconfined" name="man_groff" pid=349 comm="apparmor_parser"
[5.568363] audit: type=1400 audit(1734632240.508:10): apparmor="STATUS" operation="profile_load" profile="unconfined" name="libreoffice-xpdfimport" pid=353 comm="apparmor_parser"
[5.570683] audit: type=1400 audit(1734632240.508:11): apparmor="STATUS" operation="profile_load" profile="unconfined" name="/usr/sbin/cups-browsed" pid=354 comm="apparmor_parser"
[5.640267] input: PC Speaker as /devices/platform/pcspkr/input/input7
[5.655290] cryptd: max_cpu_qlen set to 1000
[5.660680] ACPI: AC: AC Adapter [AC] (on-line)
[5.666873] AVX2 version of gcm_enc/dec engaged.
[5.667033] AES CTR mode by8 optimization enabled
[5.668036] vboxguest: host-version: 7.0.20r163906 0x8000000f
[5.668827] vbg_heartbeat_init: Setting up heartbeat to trigger every 2000 milliseconds
[5.669273] input: VirtualBox mouse integration as /devices/pci0000:00/0000:00:04.0/input/input8
[5.687881] sr 1:0:0:0: Attached scsi generic sg0 type 5
[5.694353] sd 2:0:0:0: Attached scsi generic sg1 type 0
[5.764881] intel_rapl_common: Found RAPL domain package
[5.764884] intel_rapl_common: Found RAPL domain core
[5.774022] Adding 998396k swap on /dev/sda5. Priority:-2 extents:1 across:998396k FS
[6.009168] snd_intel8x0 0000:00:05.0: allow list rate for 1028:0177 is 48000
[6.660725] NET: Registered PF_QIPCRTR protocol family
[8.015343] e1000: enp0s3 NIC Link is Up 1000 Mbps Full Duplex, Flow Control: RX
[8.015589] IPv6: ADDRCONF(NETDEV_CHANGE): enp0s3: link becomes ready
[10.085700] rfkill: input handler disabled
[15.756849] rfkill: input handler enabled
[17.047223] rfkill: input handler disabled
[456.974979] simple: loading out-of-tree module
[456.975033] simple: module verification failed:
quired key missing - tainting kernel
[456.975249] Loading Module
Num Lock On
vboxuser@Debian:~/Desktop/OpSis/Lab8$
Right Control
Ara
21:27
19.12.2024





➔ This setup demonstrates how to build and manage a Linux Kernel Module (LKM), which extends the functionality of the Linux kernel dynamically, without requiring a system reboot.