Задание 1.

Было скачено ядро при помощи команды:
git clone git://git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git

Команды:
make defconfig
make menuconfig
make -j2
make modules
make modules_install
make install

Задание 2.

```
yukei@yukei:~/TEST/linux$ ARCH=arm make defconfig
  HOSTCC  scripts/basic/fixdep
*** Default configuration is based on 'multi_v7_defconfig'
#
# configuration written to .config
#
yukei@yukei:~/TEST/linux$ ARCH=arm make menuconfig


*** End of the configuration.
*** Execute 'make' to start the build or try 'make help'.

yukei@yukei:~/TEST/linux$ ARCH=arm CROSS_COMPILE=arm-linux-gnueabihf- make -j 2
zImage
```

```
yukei@yukei:~/TEST/linux$ ARCH=arm make -j2 dtbs
  SYNC    include/config/auto.conf.cmd
```

```
yukei@yukei:~/TEST/tmp$ ls
vexpress-v2p-ca9.dtb   zImage
```

```
yukei@yukei:~/TEST/tmp$ QEMU_AUDIO_DRV=none qemu-system-arm -M vexpress-a9 -kern
el zImage -dtb vexpress-v2p-ca9.dtb -append "console=ttyAMA0" -nographic
```

```
Exception stack(0x88825fb0 to 0x88825ff8)
5fa0:                                     00000000 00000000 00000000 00000000
5fc0: 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
5fe0: 00000000 00000000 00000000 00000000 00000013 00000000
---[ end Kernel panic - not syncing: VFS: Unable to mount root fs on unknown-blo
ck(0,0) ]---
```