**Efi checking**

ls /sys/firmware/efi/efivars

**Ethernet or wifi-menu**

ping google.com to check internet connection

**Smth w/ date**

timedatectl set-ntp true

**Make partitions vie “fdisk /dev/sdx”**

**Use lsblk for this**

*// Using fdisk:*

N - new partition

P - pring existing parts

D - deleting parts

W - write (apply)

**Then make file systems**

mkfs.ext4 /dev/sdxn (boot, root and home)

mkswap /dev/sdxm (making swap)

swapon /dev/sdxm (making swap)

**Mounting parts**

mount /dev/sdxn /mnt (root)

mkdir /mnt/boot

mkdir /mnt/home

mount /dev/sdxn /mnt/boot (boot)

mount /dev/sdxn /mnt/home (home)

**Actually installing arch**

pacstrap /mnt base base-devel vim

**Fstab**

genfstab -U /mnt >> /mnt/etc/fstab

**Changing root to /mnt**

arch-chroot /mnt

**Installing and enabling networkmanager**

pacman -S networkmanager

systemctl enable NetworkManager (making it run at startup)

**Setting up grub**

pacman -S grub

grub-install --target=i386-pc /dev/sdx (--force)

grub-mkconfig -o /boot/grub/grub.cfg

**Set a password for root**

passwd

**Set up locales**

vim /etc/locale.gen -- uncomment 2 en\_us lines

locale-gen

vim /etc/locale.conf -- write here: LANG=en-US.UTF-8

**Set up your timezone**

ln -sf /usr/share/zoneinfo/Europe/Kiev /etc/localtime

**Set up a host name**

vim /etc/hostname -- write here: <host-name>

**Some ending things**

exit

umount -R /mnt

reboot

**So, the system in already installed**

**###**

**Adding a user**

useradd -m -g wheel <username>

passwd <username>

*// Useradd, userdel, groupadd, groupdel - some commands*

**Set up sudo**

vim /etc/sudoers -- uncomment line: %wheel ALL=(ALL) ALL

**Installing X server**

pacman -S xorg-server xorg-xinit

*// To start X run: startx (or xinit)*

**Installing vm**

pacman -S i3-gaps i3-status rxvt-unicode dmenu

**Installing wifi tray applet**

pacman -S network-manager-applet

**Installing necessary fonts**

pacman -S noto-fonts noto-fonts-extra terminus-font ttf-hack

**Make “startx” start i3**

Vim ~/.xinitrc -- write here: exec i3

**Graphical greeting screen**

Sudo pacman -S lightdm lightdm-gtk-greeter

Sudo systemctl enable lightdm.service