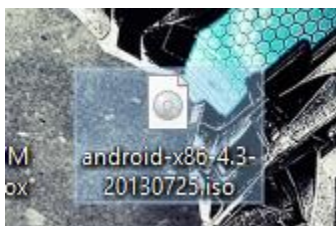# TP1: Initiation à la virtualisation
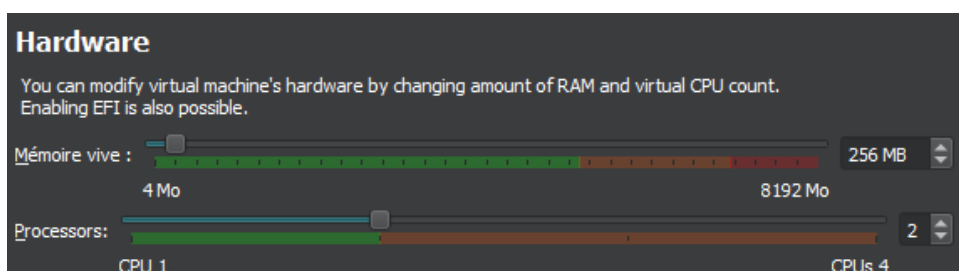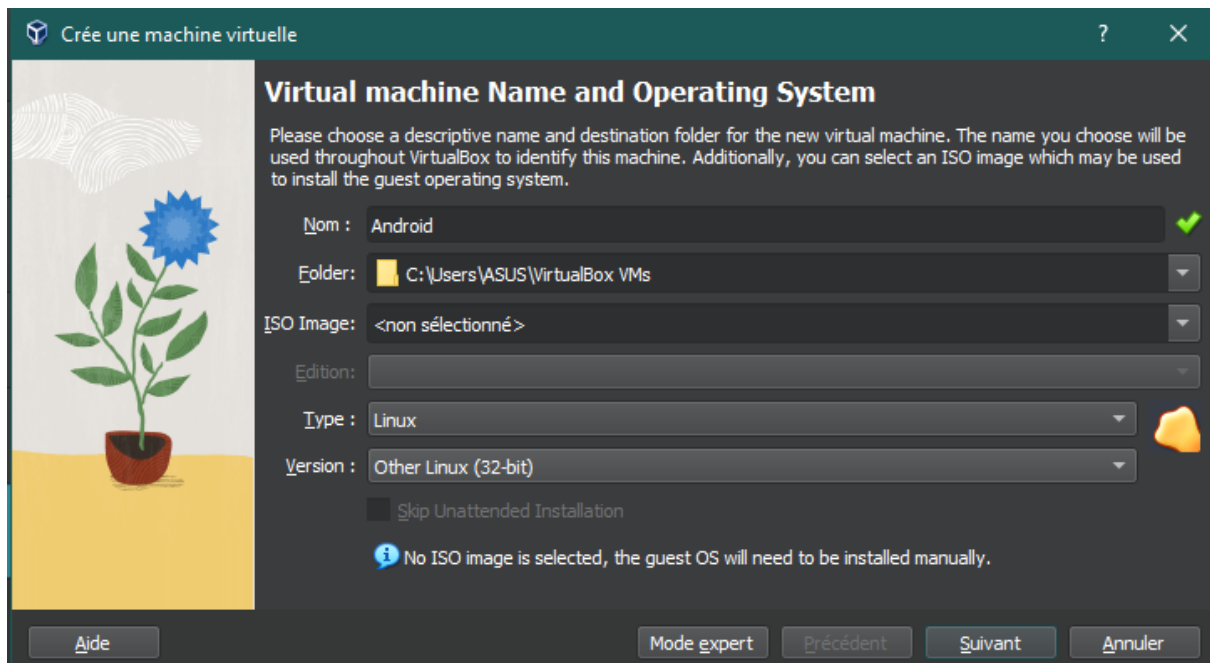
1) Installation du logiciel VirtualBox :
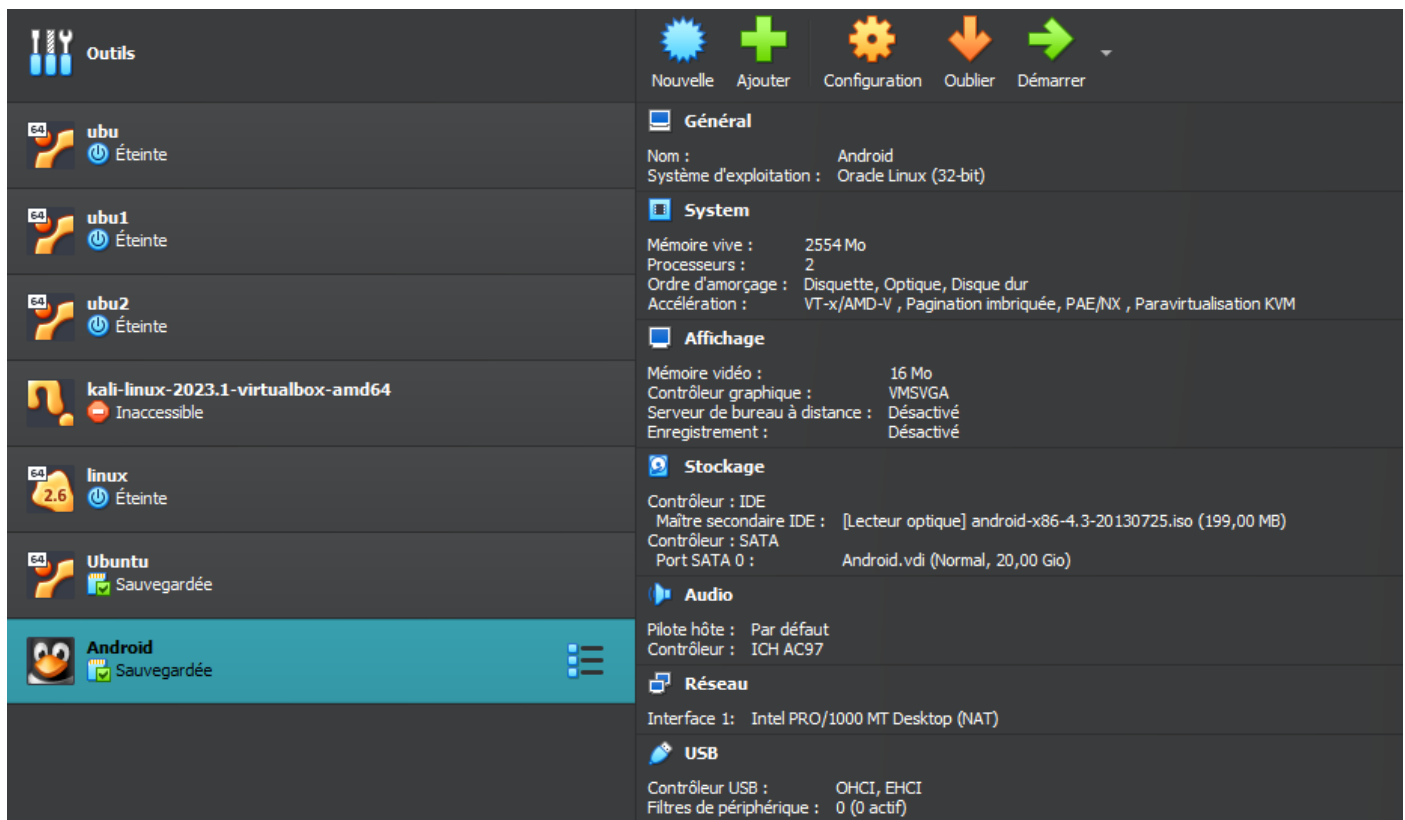

2) Téléchargement du fichier d'installation du système Android :
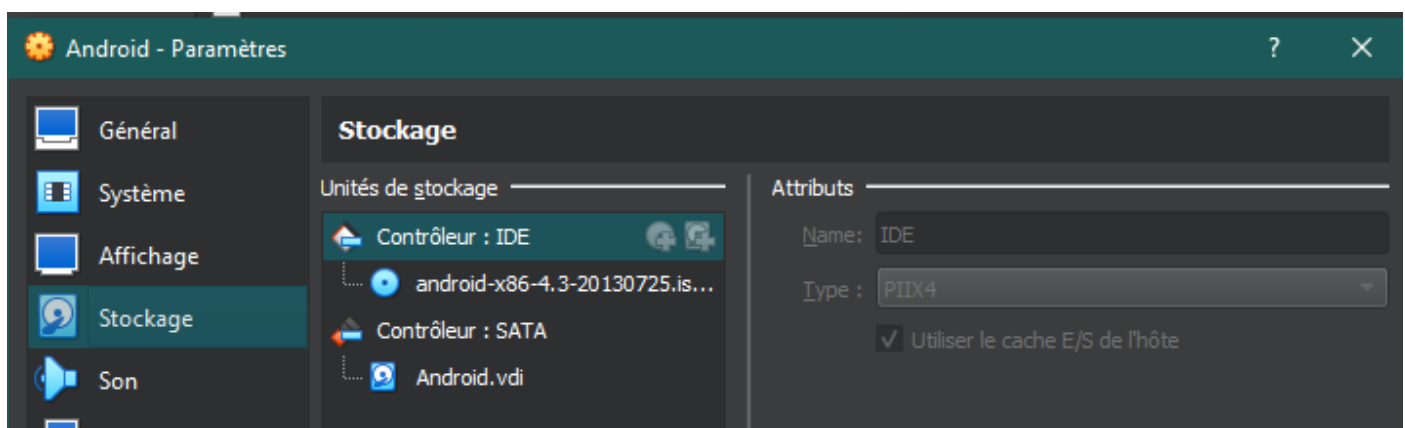

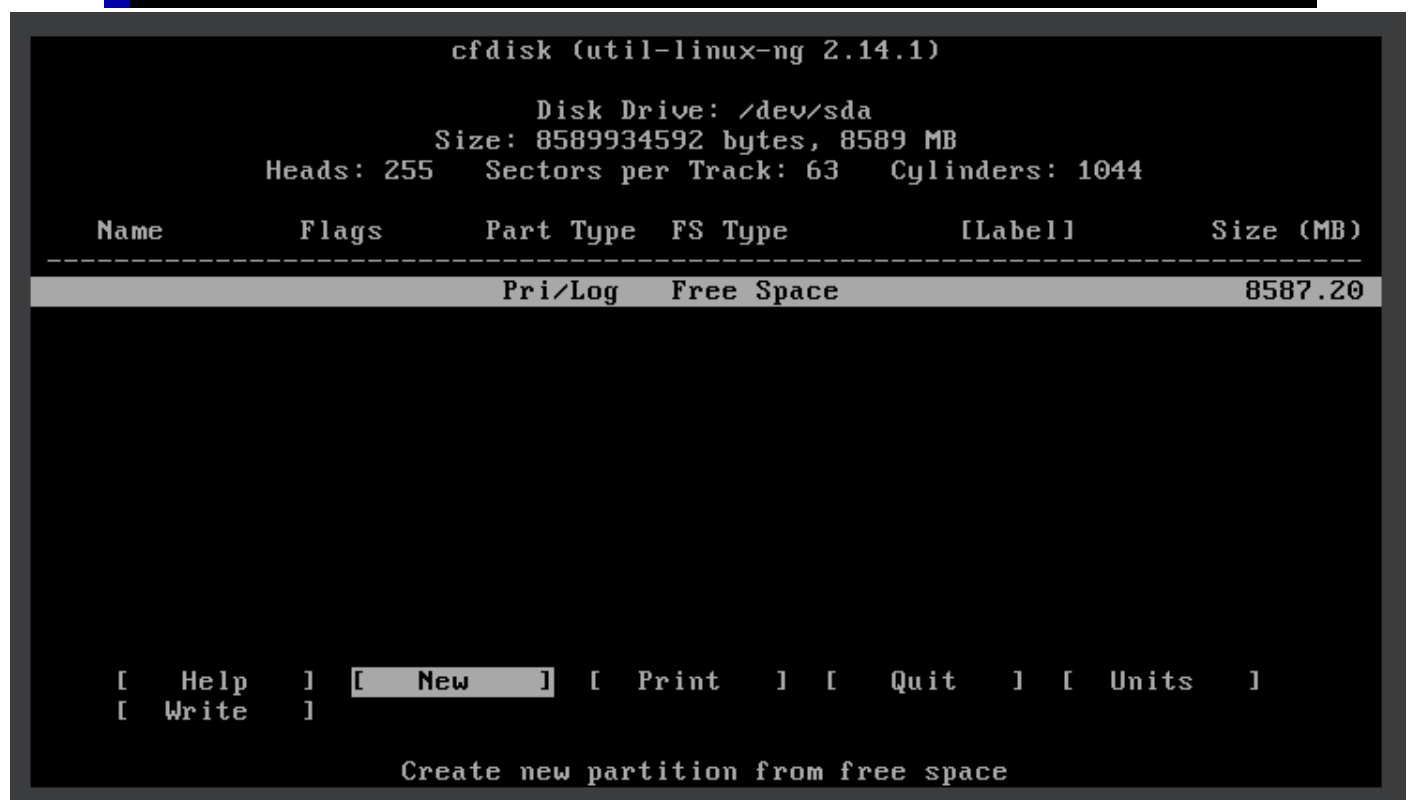## 3) Création d'une machine Virtuelle à l'aide de VirtualBox :

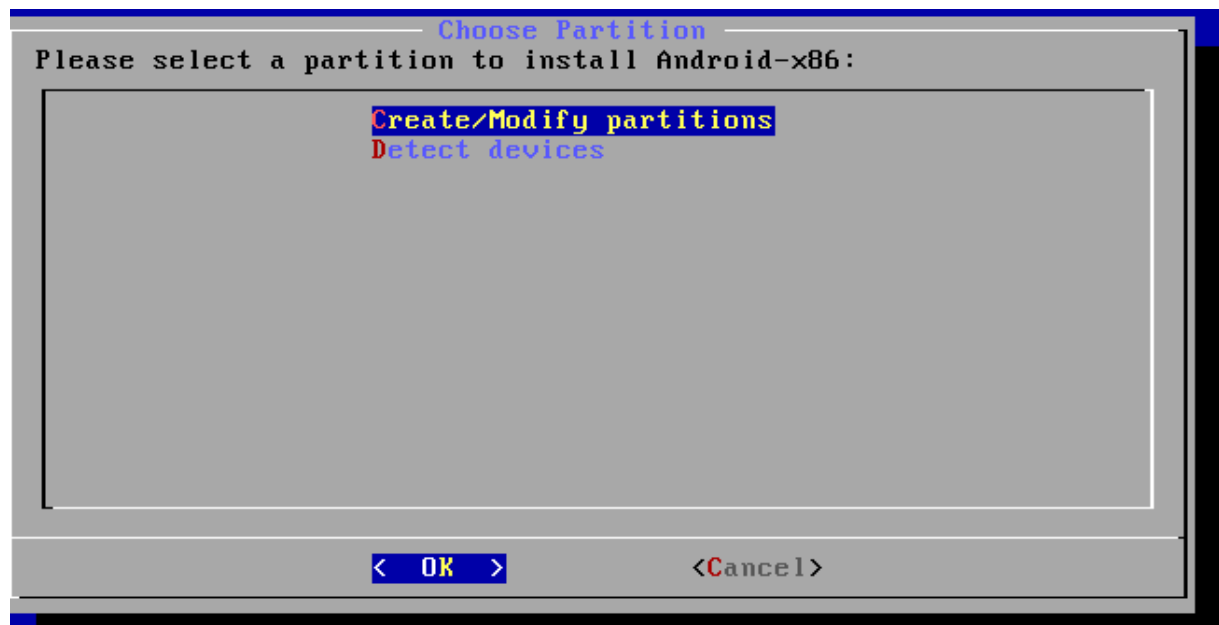## 4) Configuration de la machine Virtuelle :

5) Installation de Android dans la machine virtuelle :

```
                    ┌─────────── Choose Partition ───────────┐
          Please select a partition to install Android-x86:
          ┌─────────────────────────────────────────────────┐
          │           Create/Modify partitions              │
          │           Detect devices                        │
          │                                                 │
          │                                                 │
          │                                                 │
          │                                                 │
          │                                                 │
          │                                                 │
          │                                                 │
          └─────────────────────────────────────────────────┘

                    <   OK   >            <Cancel>
```

```
                    cfdisk (util-linux-ng 2.14.1)

                     Disk Drive: /dev/sda
               Size: 8589934592 bytes, 8589 MB
         Heads: 255    Sectors per Track: 63   Cylinders: 1044

    Name         Flags       Part Type  FS Type         [Label]        Size (MB)
    --------------------------------------------------------------------------------
                             Pri/Log    Free Space                      8587.20








       [   Help   ]  [    New    ]  [  Print   ]  [   Quit   ]  [   Units   ]
       [  Write   ]
                     Create new partition from free space
```

```
                    cfdisk (util-linux-ng 2.14.1)

                         Disk Drive: /dev/sda
                   Size: 8589934592 bytes, 8589 MB
           Heads: 255    Sectors per Track: 63    Cylinders: 1044

   Name          Flags        Part Type  FS Type          [Label]        Size (MB)
  --------------------------------------------------------------------------------
                            Pri/Log   Free Space                           8587.20








       [Primary]   [Logical]   [Cancel ]


                       Create a new primary partition
```

```
                    cfdisk (util-linux-ng 2.14.1)

                         Disk Drive: /dev/sda
                   Size: 8589934592 bytes, 8589 MB
           Heads: 255    Sectors per Track: 63    Cylinders: 1044

   Name          Flags        Part Type  FS Type          [Label]        Size (MB)
  --------------------------------------------------------------------------------
    sda1                       Primary    Linux                            8587.20







       [ Bootable ]  [  Delete  ] [   Help   ] [ Maximize ] [  Print   ]
       [   Quit   ]  [   Type   ] [  Units   ] [  Write   ]
                            Illegal command
                 Toggle bootable flag of the current partition
```
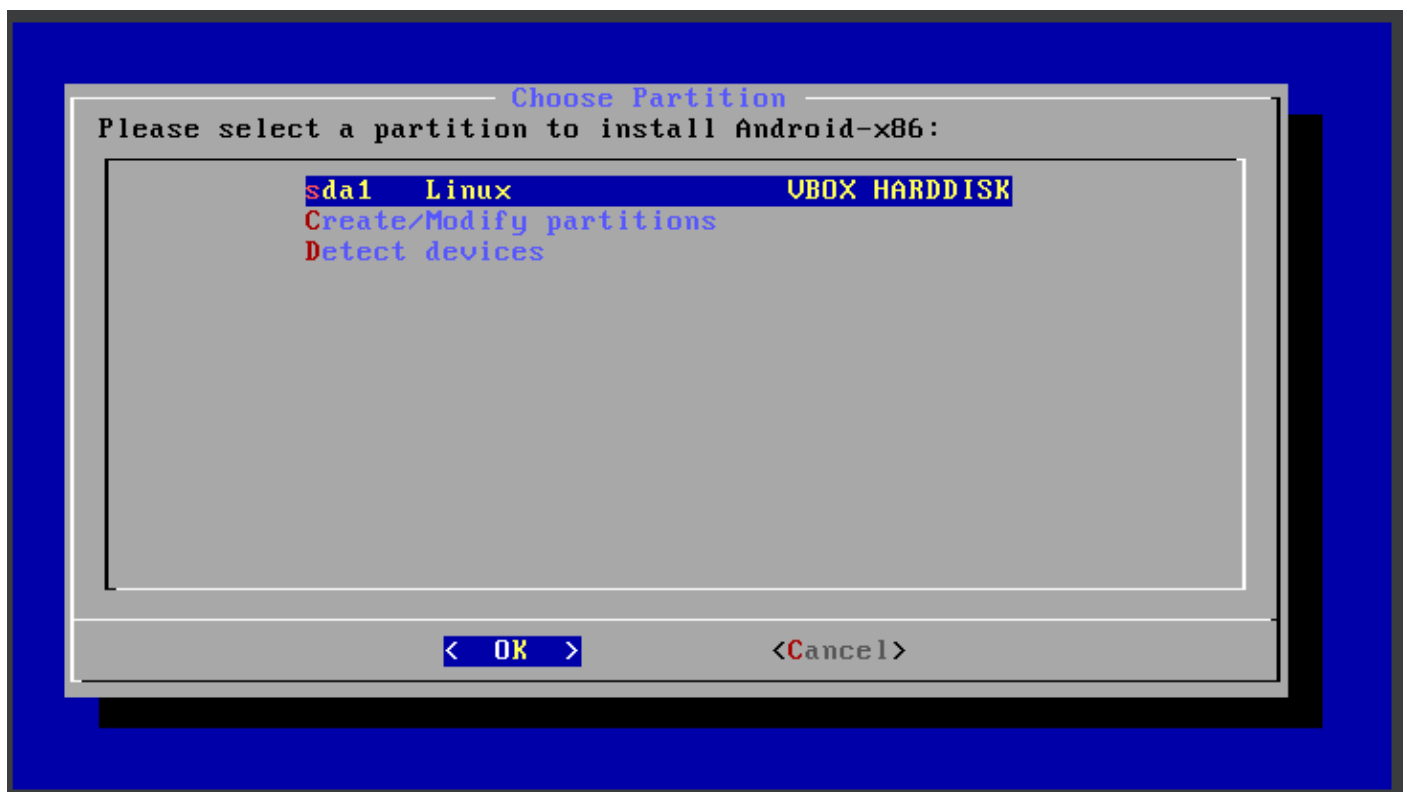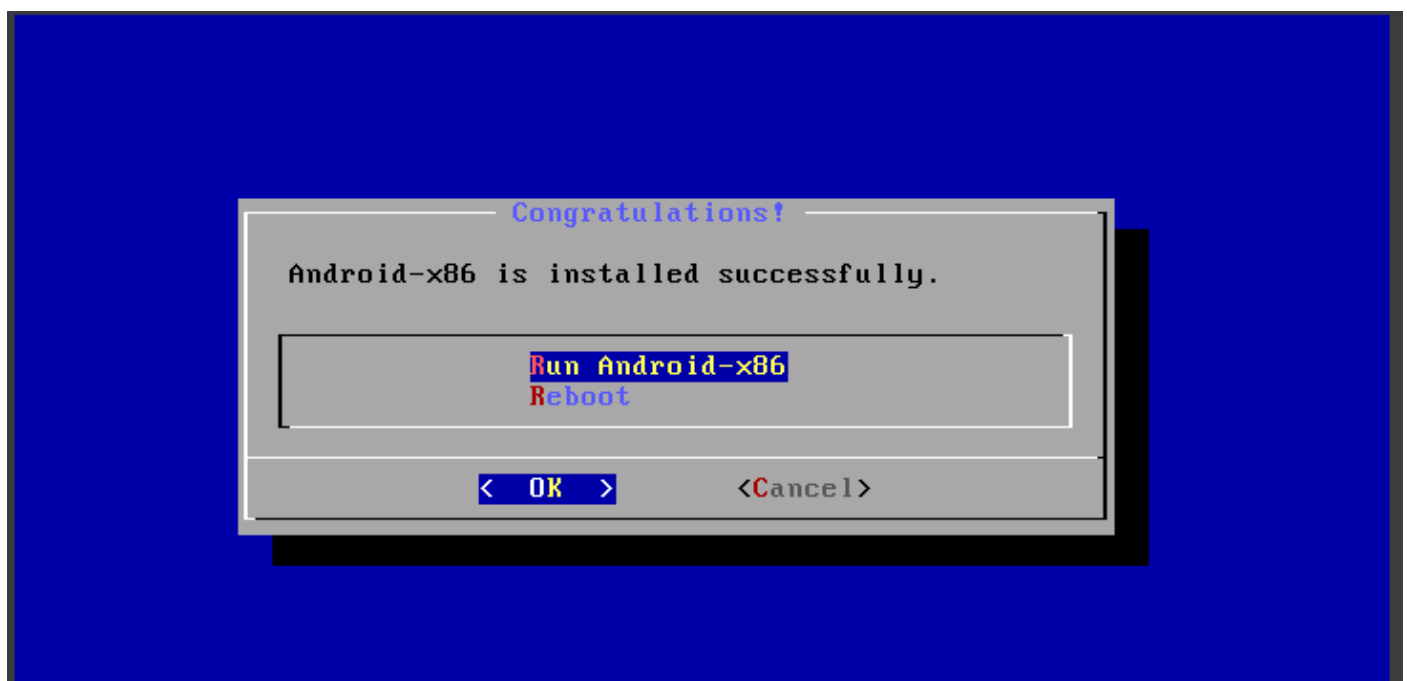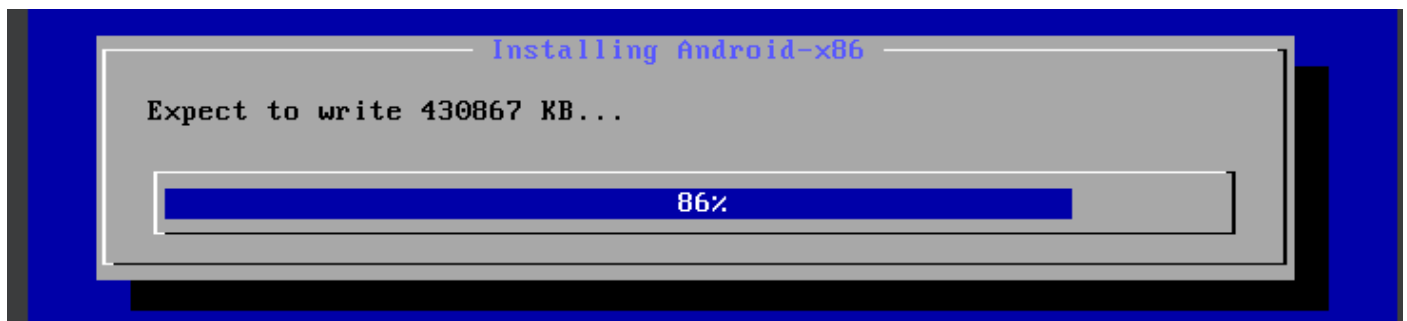
```
                    cfdisk (util-linux-ng 2.14.1)

                        Disk Drive: /dev/sda
                      Size: 8589934592 bytes, 8589 MB
             Heads: 255    Sectors per Track: 63    Cylinders: 1044

    Name          Flags        Part Type  FS Type        [Label]          Size (MB)
   --------------------------------------------------------------------------------
    sda1          Boot         Primary    Linux                            8587.20




        [ Bootable ]  [  Delete  ]  [   Help   ]  [ Maximize ]  [  Print   ]
        [   Quit   ]  [   Type   ]  [  Units   ]  [   Write  ]
              Write partition table to disk (this might destroy data)
```
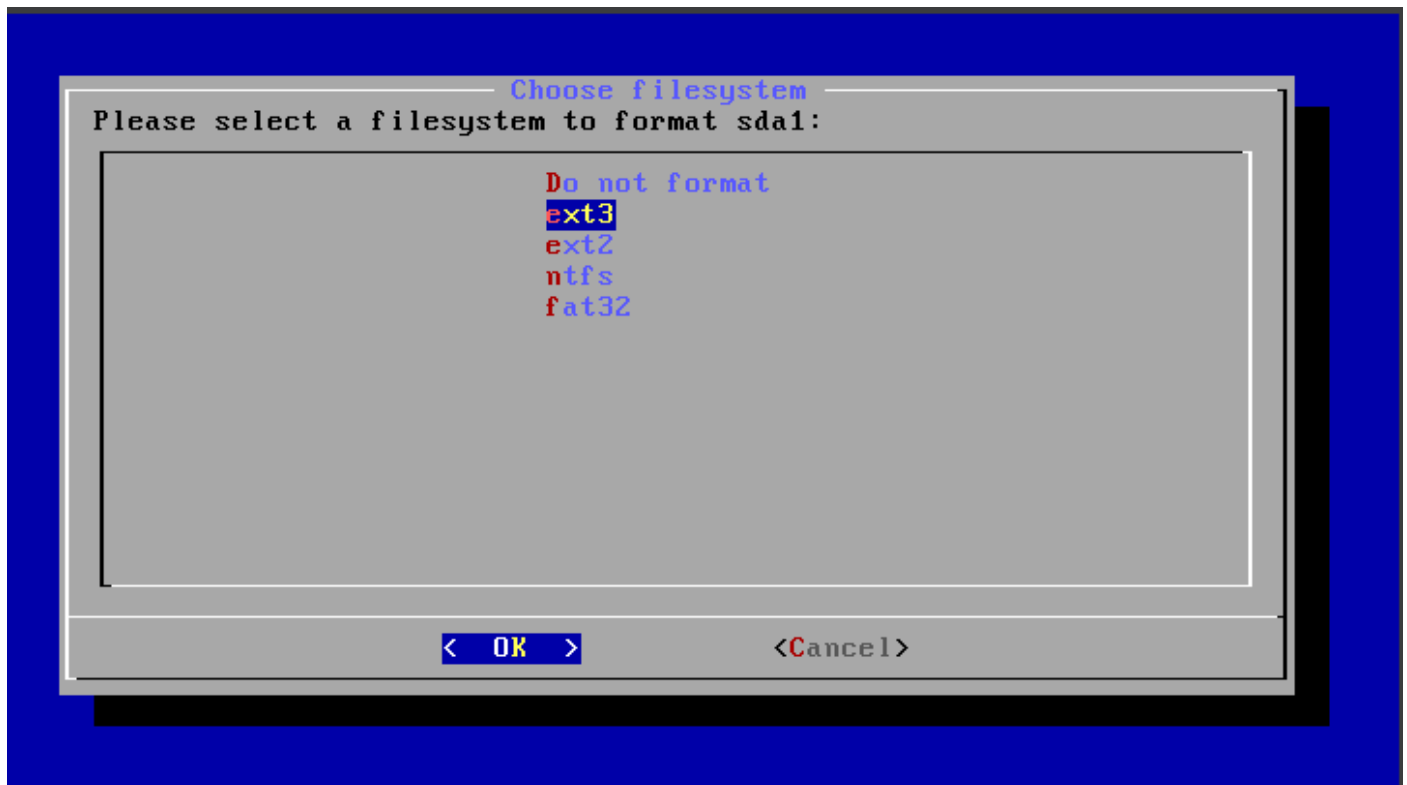
```
                        ─── Choose Partition ───
      Please select a partition to install Android-x86:

          ┌──────────────────────────────────────────────────┐
          │ sda1     Linux                 VBOX HARDDISK       │
          │ Create/Modify partitions                          │
          │ Detect devices                                    │
          │                                                   │
          │                                                   │
          │                                                   │
          │                                                   │
          │                                                   │
          │                                                   │
          └──────────────────────────────────────────────────┘

                    <   OK   >              <Cancel>
```

Choose filesystem

Please select a filesystem to format sda1:

Do not format
ext3
ext2
ntfs
fat32

< OK >   <Cancel>

Installing Android-x86

Expect to write 430867 KB...

86%

Congratulations!

Android-x86 is installed successfully.

Run Android-x86
Reboot

< OK >   <Cancel>