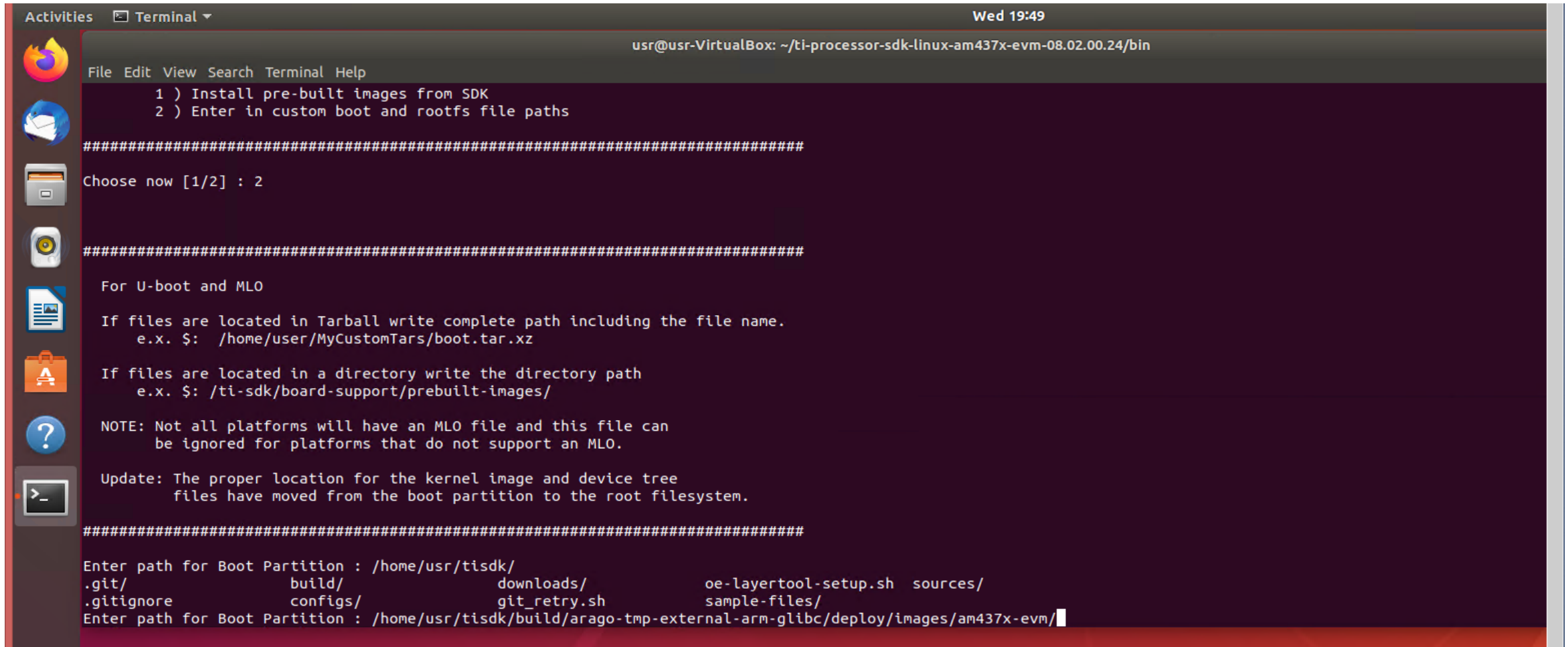
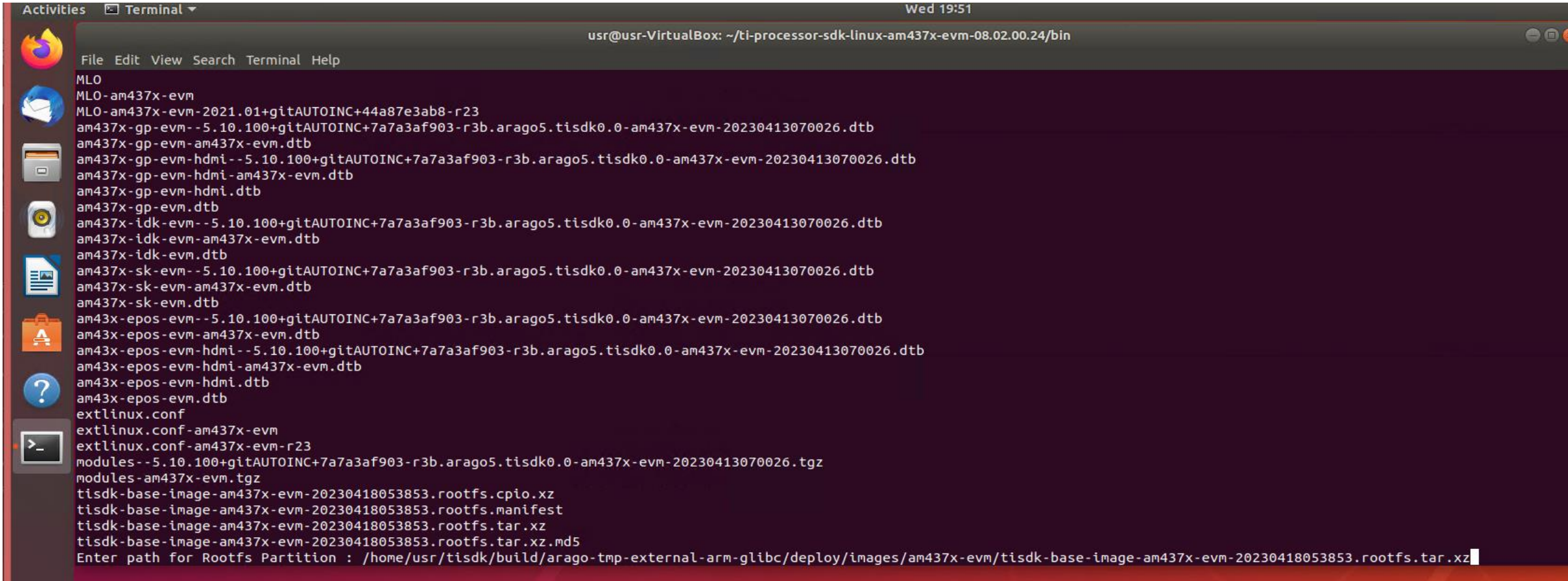


1. Run `sudo ./create-sdcard.sh` under the `ti-processor-sdk-linux-am437x-evm-08.02.00.24/bin` directory. Specify the SDK build output folder when entering the path for the boot partition.



```
usr@usr-VirtualBox: ~/ti-processor-sdk-linux-am437x-evm-08.02.00.24/bin
File Edit View Search Terminal Help
1 ) Install pre-built images from SDK
2 ) Enter in custom boot and rootfs file paths
#####
Choose now [1/2] : 2
#####
For U-boot and MLO
If files are located in Tarball write complete path including the file name.
e.x. $: /home/user/MyCustomTars/boot.tar.xz
If files are located in a directory write the directory path
e.x. $: /ti-sdk/board-support/prebuilt-images/
NOTE: Not all platforms will have an MLO file and this file can
be ignored for platforms that do not support an MLO.
Update: The proper location for the kernel image and device tree
files have moved from the boot partition to the root filesystem.
#####
Enter path for Boot Partition : /home/usr/tisdk/
.git/                build/                downloads/            oe-layertool-setup.sh sources/
.gitignore           configs/             git_retry.sh         sample-files/
Enter path for Boot Partition : /home/usr/tisdk/build/arago-tmp-external-arm-glibc/deploy/images/am437x-evm/
```

2. When entering the Rootfs Partition path, specify the SDK build output `tisd-base-image-am437x-evm-20230418053853.rootfs.tar.xz`.

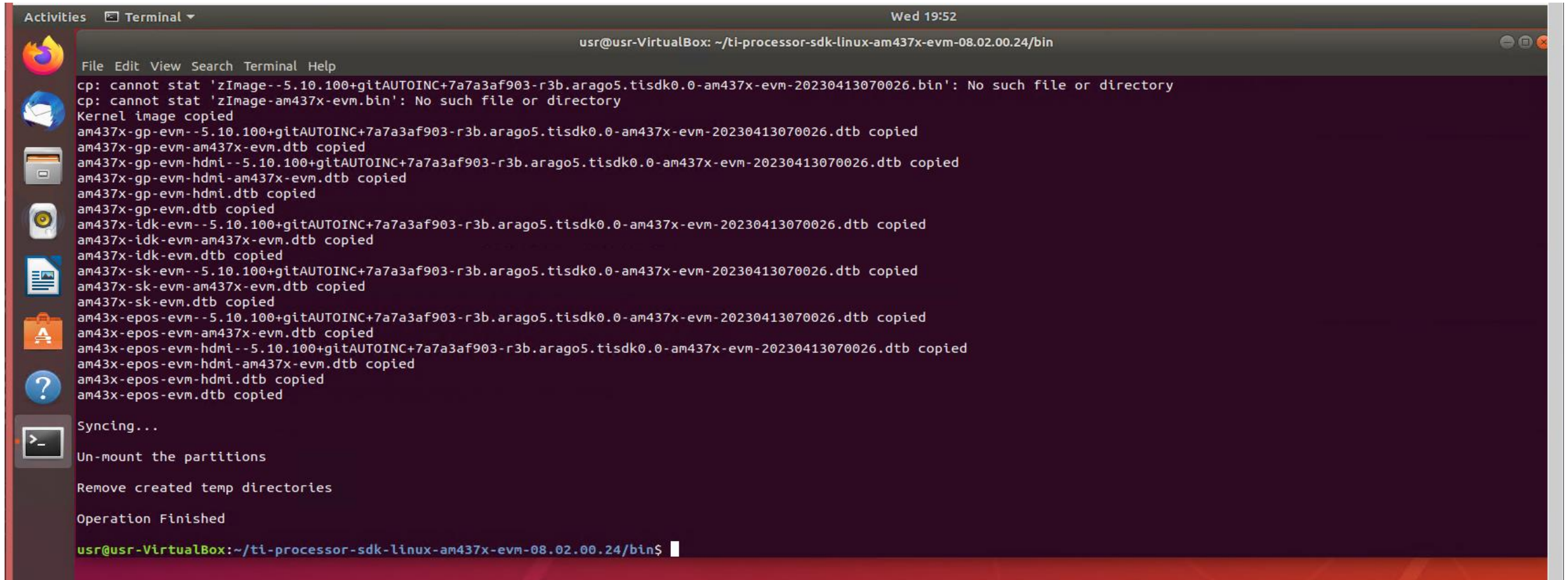


The image shows a terminal window with a dark background and a light-colored text area. The window title is "Terminal" and the current directory is `usr@usr-VirtualBox: ~/ti-processor-sdk-linux-am437x-evm-08.02.00.24/bin`. The terminal displays a list of files and folders, including:

- MLO
- MLO-am437x-evm
- MLO-am437x-evm-2021.01+gitAUTOINC+44a87e3ab8-r23
- am437x-gp-evm--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdsk0.0-am437x-evm-20230413070026.dtb
- am437x-gp-evm-am437x-evm.dtb
- am437x-gp-evm-hdmi--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdsk0.0-am437x-evm-20230413070026.dtb
- am437x-gp-evm-hdmi-am437x-evm.dtb
- am437x-gp-evm-hdmi.dtb
- am437x-gp-evm.dtb
- am437x-idk-evm--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdsk0.0-am437x-evm-20230413070026.dtb
- am437x-idk-evm-am437x-evm.dtb
- am437x-idk-evm.dtb
- am437x-sk-evm--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdsk0.0-am437x-evm-20230413070026.dtb
- am437x-sk-evm-am437x-evm.dtb
- am437x-sk-evm.dtb
- am43x-epos-evm--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdsk0.0-am437x-evm-20230413070026.dtb
- am43x-epos-evm-am437x-evm.dtb
- am43x-epos-evm-hdmi--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdsk0.0-am437x-evm-20230413070026.dtb
- am43x-epos-evm-hdmi-am437x-evm.dtb
- am43x-epos-evm-hdmi.dtb
- am43x-epos-evm.dtb
- extlinux.conf
- extlinux.conf-am437x-evm
- extlinux.conf-am437x-evm-r23
- modules--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdsk0.0-am437x-evm-20230413070026.tgz
- modules-am437x-evm.tgz
- tisd-base-image-am437x-evm-20230418053853.rootfs.cpio.xz
- tisd-base-image-am437x-evm-20230418053853.rootfs.manifest
- tisd-base-image-am437x-evm-20230418053853.rootfs.tar.xz
- tisd-base-image-am437x-evm-20230418053853.rootfs.tar.xz.md5

The prompt "Enter path for Rootfs Partition :" is followed by the path `/home/usr/tisd/build/arago-tmp-external-arm-glibc/deploy/images/am437x-evm/tisd-base-image-am437x-evm-20230418053853.rootfs.tar.xz`.

3. A screen showing the completion of SD card generation is displayed.

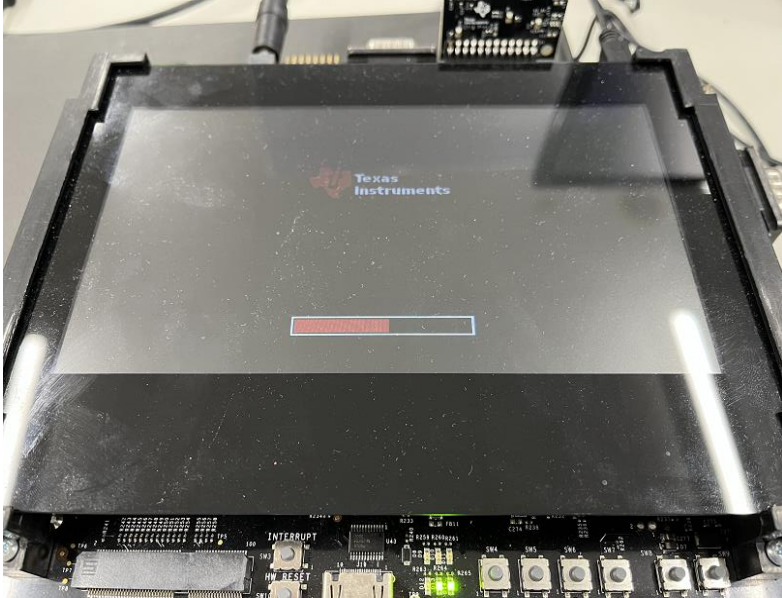


The image shows a terminal window titled "usr@usr-VirtualBox: ~/ti-processor-sdk-linux-am437x-evm-08.02.00.24/bin". The terminal output displays the completion of SD card generation, including the copying of kernel images and device tree blobs (dtb) for various evm (evaluation module) configurations. The process concludes with "Operation Finished" and a prompt for the user.

```
usr@usr-VirtualBox: ~/ti-processor-sdk-linux-am437x-evm-08.02.00.24/bin
File Edit View Search Terminal Help
cp: cannot stat 'zImage--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdk0.0-am437x-evm-20230413070026.bin': No such file or directory
cp: cannot stat 'zImage-am437x-evm.bin': No such file or directory
Kernel image copied
am437x-gp-evm--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdk0.0-am437x-evm-20230413070026.dtb copied
am437x-gp-evm-am437x-evm.dtb copied
am437x-gp-evm-hdmi--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdk0.0-am437x-evm-20230413070026.dtb copied
am437x-gp-evm-hdmi-am437x-evm.dtb copied
am437x-gp-evm-hdmi.dtb copied
am437x-gp-evm.dtb copied
am437x-idk-evm--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdk0.0-am437x-evm-20230413070026.dtb copied
am437x-idk-evm-am437x-evm.dtb copied
am437x-idk-evm.dtb copied
am437x-sk-evm--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdk0.0-am437x-evm-20230413070026.dtb copied
am437x-sk-evm-am437x-evm.dtb copied
am437x-sk-evm.dtb copied
am43x-epos-evm--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdk0.0-am437x-evm-20230413070026.dtb copied
am43x-epos-evm-am437x-evm.dtb copied
am43x-epos-evm-hdmi--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdk0.0-am437x-evm-20230413070026.dtb copied
am43x-epos-evm-hdmi-am437x-evm.dtb copied
am43x-epos-evm-hdmi.dtb copied
am43x-epos-evm.dtb copied

Syncing...
Un-mount the partitions
Remove created temp directories
Operation Finished
usr@usr-VirtualBox:~/ti-processor-sdk-linux-am437x-evm-08.02.00.24/bin$
```


4. Insert the generated SD card and start the evaluation board.



5. Enter root and log in.



6. Root login screen.

