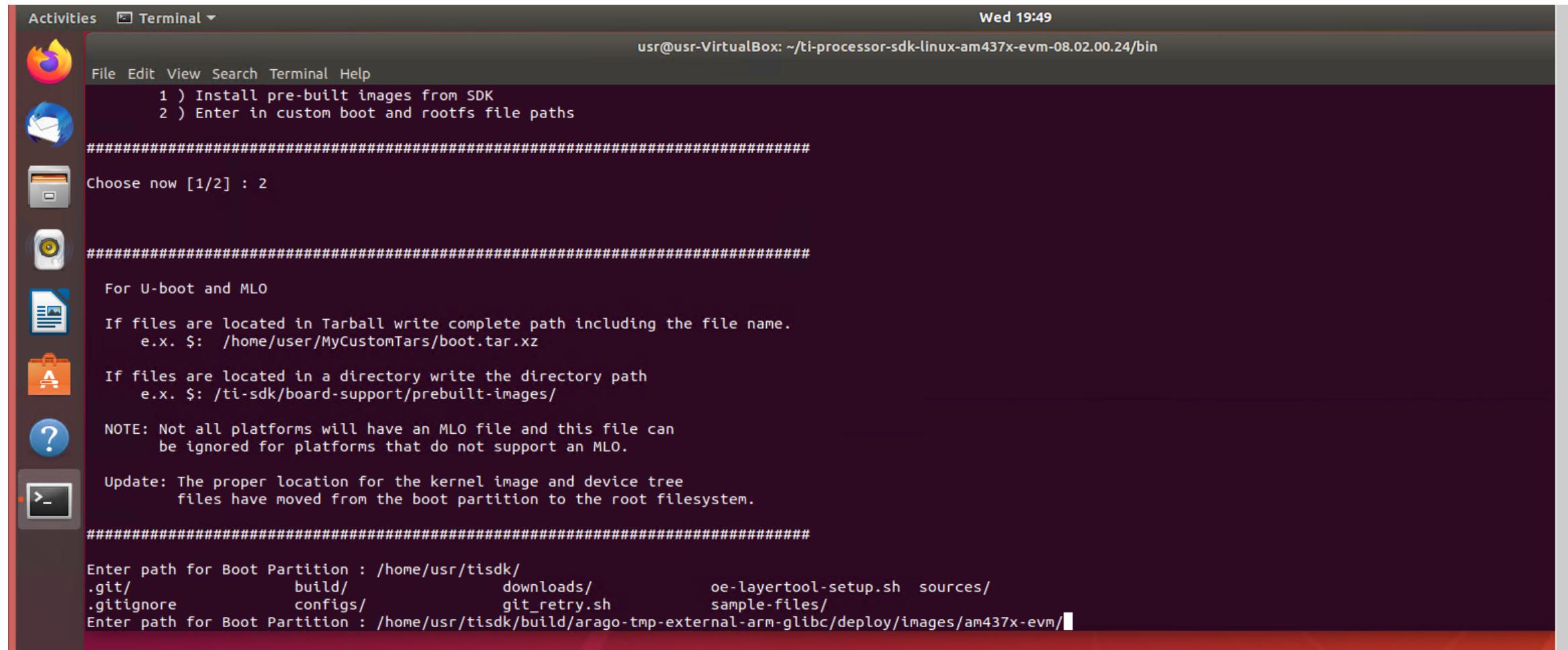


1.Run sudo ./create-sdcard.sh under the ti-processor-sdk-linux-am437x-evm-08.02.00.24/bin directory.
Specify the SDK build output folder when entering the path for the boot partition.

A screenshot of a Linux desktop environment, likely Ubuntu, showing a terminal window titled "Terminal". The terminal window has a dark background and contains white text. It displays a script for creating an SD card image. The script asks for a choice between pre-built images or custom paths, then details how to specify U-boot and MLO files, and notes about kernel image location. It then prompts for the boot partition path, which is completed with "/home/usr/tisdk/build/arago-tmp-external-arm-glibc/deploy/images/am437x-evm/"

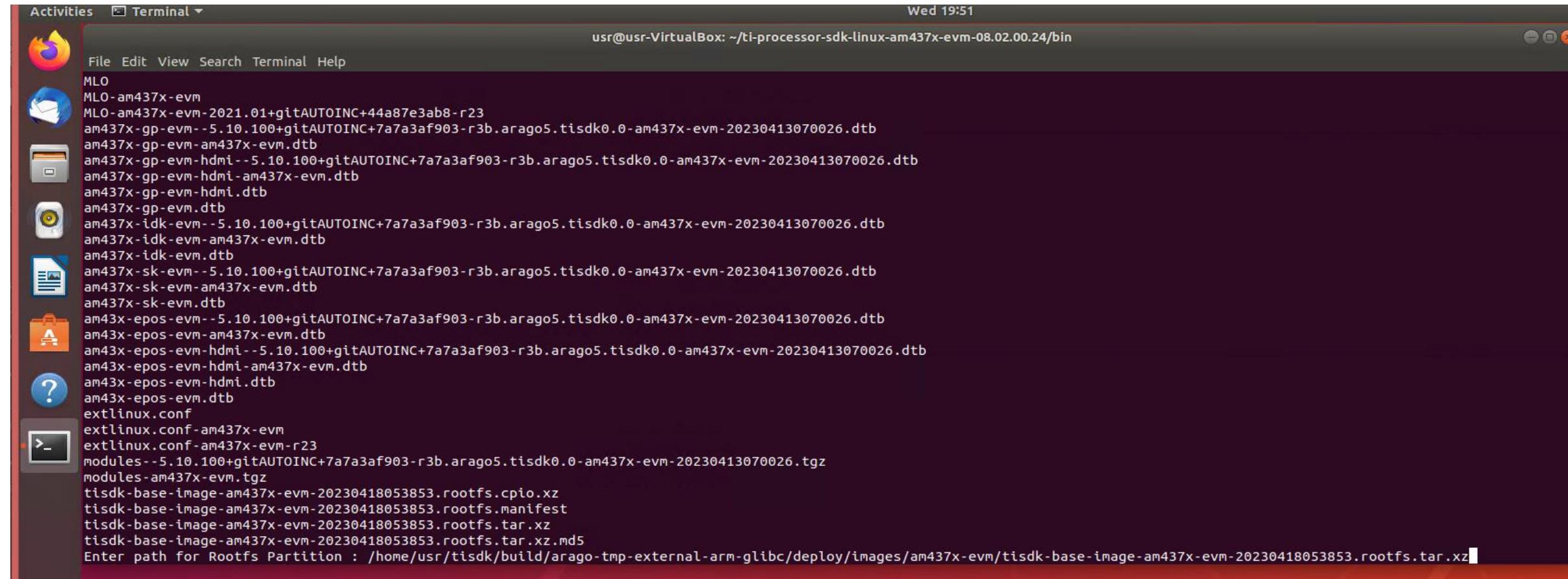
```
Activities Terminal Wed 19:49
usr@usr-VirtualBox: ~/ti-processor-sdk-linux-am437x-evm-08.02.00.24/bin

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-layer-tool-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/
```

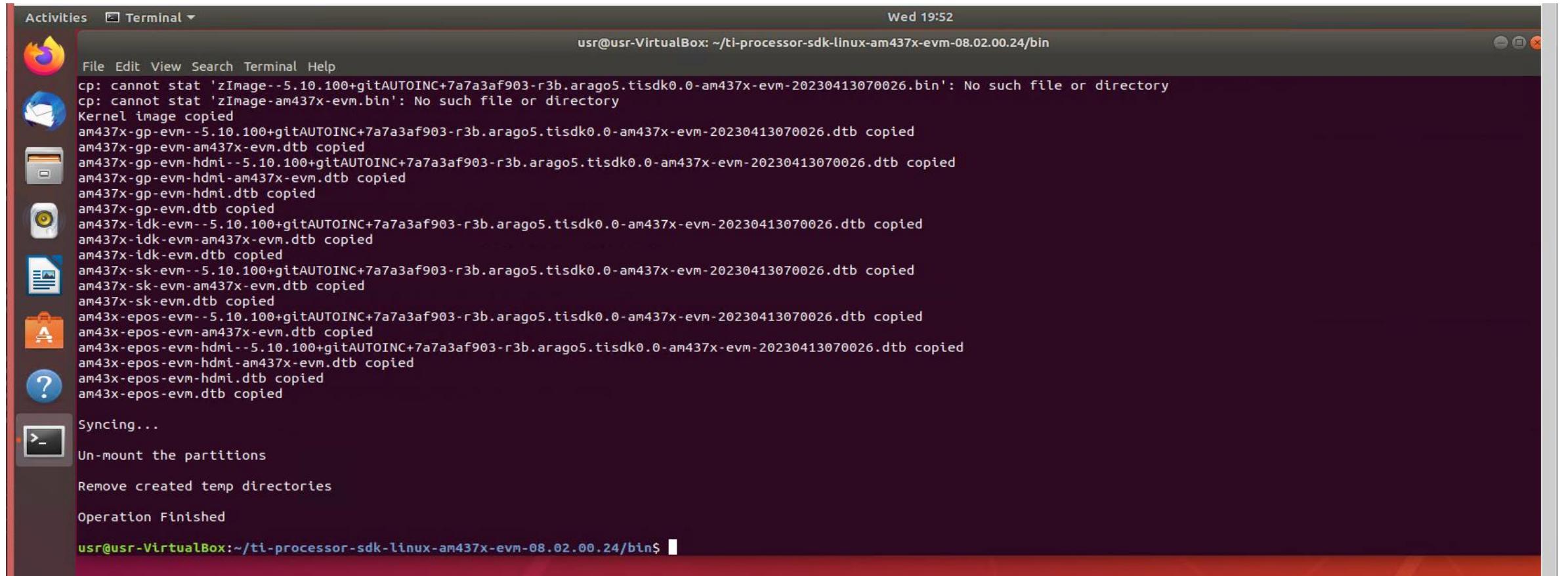
2. When entering the Rootfs Partition path, specify the SDK build output tisdk-base-image-am437x-evm-20230418053853.rootfs.tar.xz.



The screenshot shows a Linux desktop environment with a terminal window open. The terminal window has a dark background and contains a list of kernel-related files and paths. The window title bar says "Activities Terminal" and the status bar indicates the date and time as "Wed 19:51" and the location as "usr@usr-VirtualBox: ~/ti-processor-sdk-linux-am437x-evm-08.02.00.24/bin". The terminal content includes:

```
File Edit View Search Terminal Help
MLO
MLO-am437x-evm
MLO-am437x-evm-2021.01+gitAUTOINC+44a87e3ab8-r23
am437x-gp-evm--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdk0.0-am437x-evm-20230413070026.dtb
am437x-gp-evm-am437x-evm.dtb
am437x-gp-evm-hdmi--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdk0.0-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.tisdk0.0-am437x-evm-20230413070026.dtb
am437x-idk-evm-am437x-evm.dtb
am437x-idk-evm.dtb
am437x-sk-evm--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdk0.0-am437x-evm-20230413070026.dtb
am437x-sk-evm-am437x-evm.dtb
am437x-sk-evm.dtb
am43x-epos-evm--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdk0.0-am437x-evm-20230413070026.dtb
am43x-epos-evm-am437x-evm.dtb
am43x-epos-evm-hdmi--5.10.100+gitAUTOINC+7a7a3af903-r3b.arago5.tisdk0.0-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.tisdk0.0-am437x-evm-20230413070026.tgz
modules-am437x-evm.tgz
tisdk-base-image-am437x-evm-20230418053853.rootfs.cpio.xz
tisdk-base-image-am437x-evm-20230418053853.rootfs.manifest
tisdk-base-image-am437x-evm-20230418053853.rootfs.tar.xz
tisdk-base-image-am437x-evm-20230418053853.rootfs.tar.xz.md5
Enter path for Rootfs Partition : /home/usr/tisdk/build/arago-tmp-external-arm-glibc/deploy/images/am437x-evm/tisdk-base-image-am437x-evm-20230418053853.rootfs.tar.xz
```

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



The image shows a screenshot of a Linux desktop environment, specifically Ubuntu, running in a VirtualBox instance. The desktop has a dark theme with a red header bar. On the left, there's a dock with icons for the Dash, Home, Activities, Terminal, and other applications like a browser and file manager. A terminal window is open in the Activities dock, showing the command line and its output. The terminal title is "Terminal" and the date and time are "Wed 19:52". The user is at the prompt "usr@usr-VirtualBox: ~/ti-processor-sdk-linux-am437x-evm-08.02.00.24/bin\$". The output of the terminal shows the process of generating an SD card image, with numerous "copied" messages for various kernel and device tree binary files. At the bottom of the terminal window, there are several cleanup commands: "Syncing...", "Un-mount the partitions", "Remove created temp directories", and "Operation Finished".

```
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.

