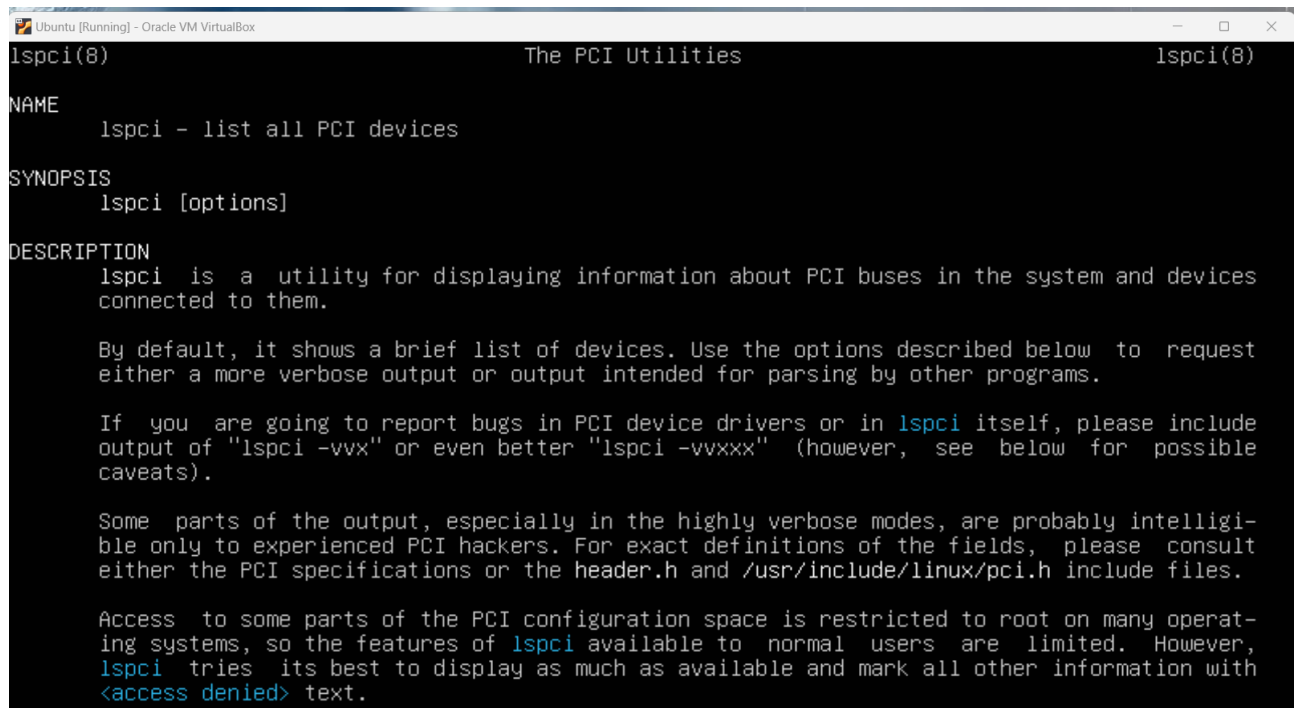


Uzyskiwanie informacji o sprzęcie w systemie linux – magistrala PCI

(po zalogowaniu na root – polecenia wykonujemy w terminalu/konsoli)

1. Dla wszystkich poleceń użytych w ćwiczeniu zapoznaj się za pomocą manuala i helpa manual:



```
lspci(8)                                The PCI Utilities                                lspci(8)

NAME
    lspci - list all PCI devices

SYNOPSIS
    lspci [options]

DESCRIPTION
    lspci is a utility for displaying information about PCI buses in the system and devices
    connected to them.

    By default, it shows a brief list of devices. Use the options described below to request
    either a more verbose output or output intended for parsing by other programs.

    If you are going to report bugs in PCI device drivers or in lspci itself, please include
    output of "lspci -vvx" or even better "lspci -vvxxx" (however, see below for possible
    caveats).

    Some parts of the output, especially in the highly verbose modes, are probably intelligi-
    ble only to experienced PCI hackers. For exact definitions of the fields, please consult
    either the PCI specifications or the header.h and /usr/include/linux/pci.h include files.

    Access to some parts of the PCI configuration space is restricted to root on many operat-
    ing systems, so the features of lspci available to normal users are limited. However,
    lspci tries its best to display as much as available and mark all other information with
    <access denied> text.
```

Help:

...

2. Napisz do czego służy polecenie lspci
3. Podaj przykłady użycia poniższych poleceń lspci i opisz je:
 - a. lspci -m
 - b. lspci -k
 - c. lspci -s
 - d. lspci -v
 - e. lspci -M
 - f. lspci -vv

Do powyższych przykładów wykonaj wyczerpujący opis.

4. Czy da się uruchomić 'helpa' dla polecenia lspci?
5. Wypisz informacje o płycie głównej (producent, itp...)
6. Po wykonaniu notatki prześlij ją do oceny.