

Exercise 4 - To have two cursors on monitor

SOLUTION:

Since in my terminal i cannot show the id of the mouse , i documented step by step.

Step-1

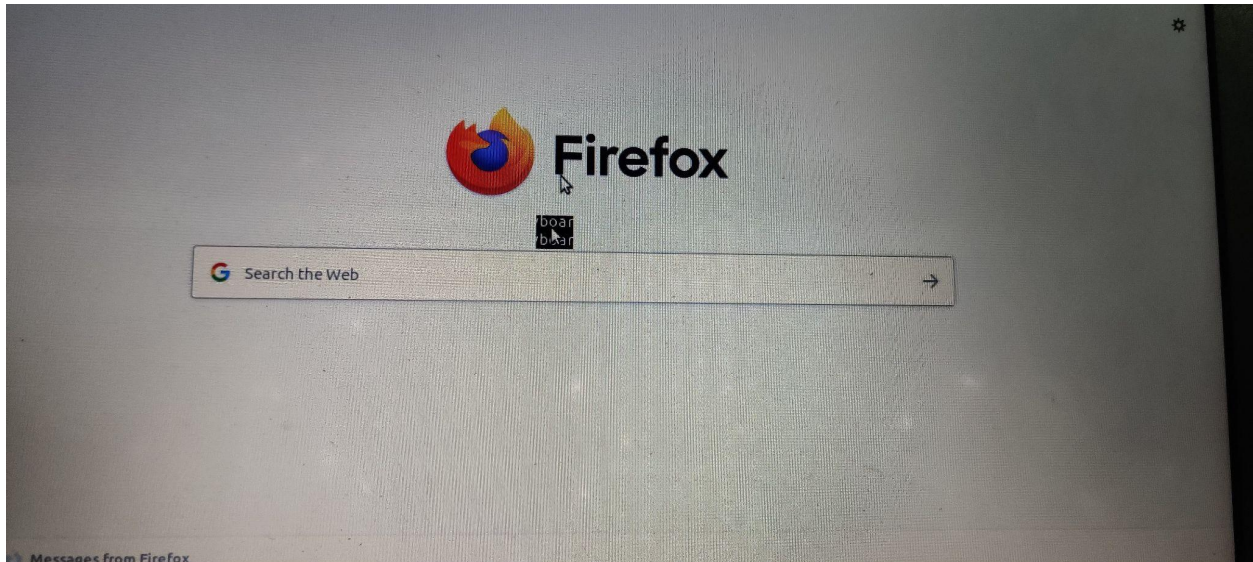
xinbox- to know the id of the mouse

```
user@suvathi: ~/Desktop/DD/LAB2/qn4$ xinput create-master Pointer2
user@suvathi:~/Desktop/DD/LAB2/qn4$ xinput
Virtual core pointer              id=2    [master pointer (3)]
↳ Virtual core XTEST pointer      id=4    [slave pointer (2)]
↳ SynPS/2 Synaptics TouchPad      id=10   [slave pointer (2)]
Virtual core keyboard            id=3    [master keyboard (2)]
↳ Virtual core XTEST keyboard     id=5    [slave keyboard (3)]
↳ Power Button                   id=6    [slave keyboard (3)]
↳ Video Bus                      id=7    [slave keyboard (3)]
↳ HP TrueVision HD: HP TrueVision id=8    [slave keyboard (3)]
↳ AT Translated Set 2 keyboard    id=9    [slave keyboard (3)]
↳ HP Wireless hotkeys            id=11   [slave keyboard (3)]
↳ HP WMI hotkeys                 id=12   [slave keyboard (3)]
Pointer2 pointer                 id=13   [master pointer (14)]
↳ Pointer2 XTEST pointer          id=15   [slave pointer (13)]
Pointer2 keyboard                id=14   [master keyboard (13)]
↳ Pointer2 XTEST keyboard         id=16   [slave keyboard (14)]
user@suvathi:~/Desktop/DD/LAB2/qn4$
```

Step-2 - creating another pointer using *xinput create-master Pointer2* command

```
user@suvathi:~$ xinput create-master Pointer2
user@suvathi:~$ xinput
Virtual core pointer              id=2    [master pointer (3)]
↳ Virtual core XTEST pointer      id=4    [slave pointer (2)]
↳ SynPS/2 Synaptics TouchPad      id=10   [slave pointer (2)]
Virtual core keyboard            id=3    [master keyboard (2)]
↳ Virtual core XTEST keyboard     id=5    [slave keyboard (3)]
↳ Power Button                   id=6    [slave keyboard (3)]
↳ Video Bus                      id=7    [slave keyboard (3)]
↳ HP TrueVision HD: HP TrueVision id=8    [slave keyboard (3)]
↳ AT Translated Set 2 keyboard    id=9    [slave keyboard (3)]
↳ HP Wireless hotkeys            id=11   [slave keyboard (3)]
↳ HP WMI hotkeys                 id=12   [slave keyboard (3)]
Pointer2 pointer                 id=13   [master pointer (14)]
↳ Pointer2 XTEST pointer          id=15   [slave pointer (13)]
Pointer2 keyboard                id=14   [master keyboard (13)]
↳ Pointer2 XTEST keyboard         id=16   [slave keyboard (14)]
user@suvathi:~$
```

Step-3 - Since i cannot show the id of the optical mouse i showed how it displayed on screen



Step -4 removed the second cursor and displaying the original cursor.

```
user@suvathi:~$ xinput remove-master 13
user@suvathi:~$ xinput
Virtual core pointer              id=2    [master pointer (3)]
↳ Virtual core XTEST pointer      id=4    [slave pointer (2)]
↳ SynPS/2 Synaptics TouchPad      id=10   [slave pointer (2)]
Virtual core keyboard            id=3    [master keyboard (2)]
↳ Virtual core XTEST keyboard     id=5    [slave keyboard (3)]
↳ Power Button                   id=6    [slave keyboard (3)]
↳ Video Bus                      id=7    [slave keyboard (3)]
↳ HP TrueVision HD: HP TrueVision id=8    [slave keyboard (3)]
↳ AT Translated Set 2 keyboard    id=9    [slave keyboard (3)]
↳ HP Wireless hotkeys            id=11   [slave keyboard (3)]
↳ HP WMI hotkeys                 id=12   [slave keyboard (3)]
user@suvathi:~$ xinput --list
Virtual core pointer              id=2    [master pointer (3)]
↳ Virtual core XTEST pointer      id=4    [slave pointer (2)]
↳ SynPS/2 Synaptics TouchPad      id=10   [slave pointer (2)]
Virtual core keyboard            id=3    [master keyboard (2)]
↳ Virtual core XTEST keyboard     id=5    [slave keyboard (3)]
↳ Power Button                   id=6    [slave keyboard (3)]
↳ Video Bus                      id=7    [slave keyboard (3)]
↳ HP TrueVision HD: HP TrueVision id=8    [slave keyboard (3)]
↳ AT Translated Set 2 keyboard    id=9    [slave keyboard (3)]
↳ HP Wireless hotkeys            id=11   [slave keyboard (3)]
↳ HP WMI hotkeys                 id=12   [slave keyboard (3)]
```