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

```
@suvathi:~/Desktop/DD/LAB2/qn4$ xinput
 Virtual core pointer

b Virtual core XTEST pointer

b SynPS/2 Synaptics TouchPad

Virtual core XTEST pointer

b SynPS/2 Synaptics TouchPad

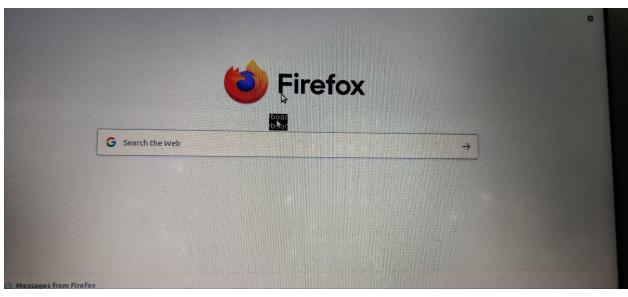
Virtual core XTEST peyhoars
                                                                               id=2
                                                                                             [master pointer
                                                                                             [slave
[slave
                                                                               id=4
                                                                                                         pointer
pointer (2)]
keyboard (2)]
wboard (3)]
                                                                                                         pointer
                                                                               id=10
                                                                               id=3
                                                                                             [master
       Virtual core XTEST keyboard
                                                                               id=5
                                                                                             [slave
     → Power Button
→ Video Bus
                                                                                            [slave
[slave
                                                                                                         keyboard (3)]
keyboard (3)]
                                                                               id=7
      HP TrueVision HD: HP TrueVision
AT Translated Set 2 keyboard
                                                                               id=8
                                                                                                          keyboard
                                                                                             [slave
                                                                                                         keyboard (3)
keyboard (3)
                                                                                            [slave
[slave
[slave
                                                                               id=9
      HP Wireless hotkeys
                                                                                            [slave keyboard (3)]
[master pointer (14)]
[slave pointer (13)]
[master keyboard (13)]
      HP WMI hotkeys
                                                                               id=12
  Pointer2 pointer
4 Pointer2 XTEST pointer
                                                                               id=13
                                                                               id=15
  Pointer2 keyboard
      4 Pointer2 XTEST keyboard
                                                                                             [slave
                                                                                                         keyboard (14)]
                                                                               id=16
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
4 Virtual core XTEST pointer
5 SynPS/2 Synaptics TouchPad
                                                                           id=2
                                                                                       [master pointer
                                                                                       [slave pointer
[slave pointer
                                                                           id=4
                                                                           id=10
  Virtual core keyboard
                                                                           id=3
                                                                                        [master
                                                                                                    keyboard
     4 Virtual core XTEST keyboard
                                                                           id=5
                                                                                        [slave
                                                                                                  keyboard (3)
     → Power Button
→ Video Bus
                                                                           id=6
                                                                                        [slave
                                                                                                   keyboard
                                                                                       [slave
[slave
                                                                           id=7
                                                                                                  keyboard (3)
     HP TrueVision HD: HP TrueVision
AT Translated Set 2 keyboard
                                                                           id=8
                                                                                                   keyboard
                                                                                        [slave
                                                                                                    keyboard
                                                                                       [slave keyboard (3)]
[slave keyboard (3)]
[slave keyboard (3)]
[master pointer (14)]
[slave pointer (13)]
[master keyboard (13)]
[slave keyboard (14)]
     → HP Wireless hotkeys

→ HP WMI hotkeys
                                                                           id=11
                                                                           id=12
  Pointer2 pointer
                                                                           id=13
      4 Pointer2 XTEST pointer
                                                                           id=15
 Pointer2 keyboard
     4 Pointer2 XTEST keyboard
                                                                           id=16
```

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.

4 HP WMI hotkeys

```
user@suvathi:~$ xinput remove-master 13
user@suvathi:~$ xinput
  Virtual core pointer
                                                  id=2
                                                          [master pointer
                                                                            (3)]
                                                                            (2)]
    4 Virtual core XTEST pointer
                                                  id=4
                                                          [slave pointer

↓ SynPS/2 Synaptics TouchPad

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

id=12

[slave

keyboard (3)]