Homework Nov 28th

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README

1. Compile & load the module

```
make
insmod vinput.ko
insmod vkbd.ko
```

2. Output of stdout

```
root@instance-1:~/adv-os-hw/virtual-device# echo "+34" | sudo tee /dev/vinput0
+34
root@instance-1:~/adv-os-hw/virtual-device# echo "+35" | sudo tee /dev/vinput0
+35
root@instance-1:~/adv-os-hw/virtual-device# echo "-35" | sudo tee /dev/vinput0
-35
root@instance-1:~/adv-os-hw/virtual-device# echo "-100" | sudo tee /dev/vinput0
-100
root@instance-1:~/adv-os-hw/virtual-device# echo "+34" | sudo tee /dev/vinput0
+34
root@instance-1:~/adv-os-hw/virtual-device# echo "+34" | sudo tee /dev/vinput0
+34
root@instance-1:~/adv-os-hw/virtual-device# echo "-34" | sudo tee /dev/vinput0
-34
root@instance-1:~/adv-os-hw/virtual-device# echo "+57" | sudo tee /dev/vinput0
+57
root@instance-1:~/adv-os-hw/virtual-device# echo "-57" | sudo tee /dev/vinput0
-57
```

3. Output of kern.log

```
Nov 28 02:20:19 instance-1 kernel: [ 1580.180046] vinput: registered new virtual input device 'vkbd'
Nov 28 02:20:54 instance-1 kernel: [ 1615.073194] input: vkbd as /devices/virtual/vinput/vinput0/input5
Nov 28 02:20:54 instance-1 kernel: [ 1615.073259] vinput vinput0: Registered virtual input vkbd 0
Nov 28 02:21:23 instance-1 kernel: [ 1644.819296] vinput vinput0: Event VINPUT_PRESS code 34
Nov 28 02:21:52 instance-1 kernel: [ 1673.461767] vinput vinput0: Event VINPUT_RELEASE code 34
Nov 28 02:23:17 instance-1 kernel: [ 1758.204918] vinput vinput0: Event VINPUT_PRESS code 34
Nov 28 02:28:53 instance-1 kernel: [ 2094.437876] vinput vinput0: Event VINPUT_PRESS code 35
Nov 28 02:29:00 instance-1 kernel: [ 2101.386359] vinput vinput0: Event VINPUT_RELEASE code 35
Nov 28 02:29:31 instance-1 kernel: [ 2132.629481] vinput vinput0: Event VINPUT_RELEASE code 100
Nov 28 02:30:02 instance-1 kernel: [ 2163.570773] vinput vinput0: Event VINPUT_PRESS code 34
Nov 28 02:30:03 instance-1 kernel: [ 2164.529062] vinput vinput0: Event VINPUT_PRESS code 34
Nov 28 02:30:09 instance-1 kernel: [ 2169.892760] vinput vinput0: Event VINPUT_RELEASE code 34
Nov 28 02:30:17 instance-1 kernel: [ 2178.683711] vinput vinput0: Event VINPUT_PRESS code 57
Nov 28 02:30:22 instance-1 kernel: [ 2182.884752] vinput vinput0: Event VINPUT_RELEASE code 57
Nov 28 02:30:28 instance-1 kernel: [ 2188.985858] vinput vinput0: Event VINPUT_PRESS code 5
```

Miscellaneous