

# Text of exercise #1

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## Laboratory #6 – System and device programming – A.Y. 2018-19

Compile xv6 with `make qemu`; this command will also run xv6 on qemu. Try some commands (ex. `ls`).

Now, run: `make qemu-gdb`. Copy the last line of the screen, something like:

```
qemu -serial mon:stdio -hdb fs.img xv6.img -smp 2 -m 512 -S -gdb tcp::26000
```

on a script file `qemu.sh`.

Then, using `echo` and redirection, create a file `myname.txt` including a single string: `<your name>`. Check that a `.gdbinit` file exist that refers to the same TCP port (26000). Run `./qemu.sh` in a window and `ddd&` on another window.

Write a report that lists and comments the sequence of system calls that are performed after issuing the command: `cat myname.txt | wc`.