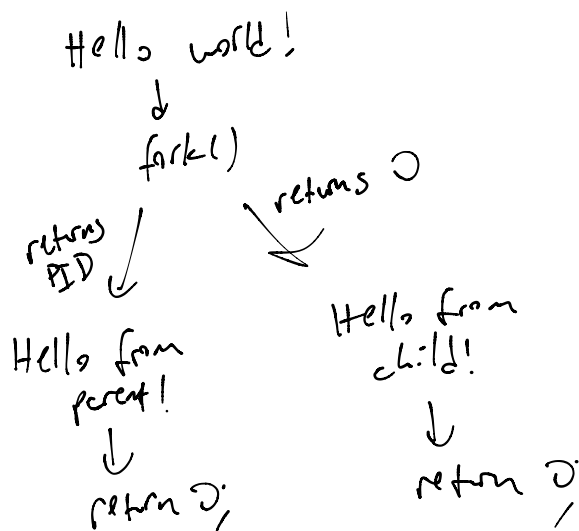
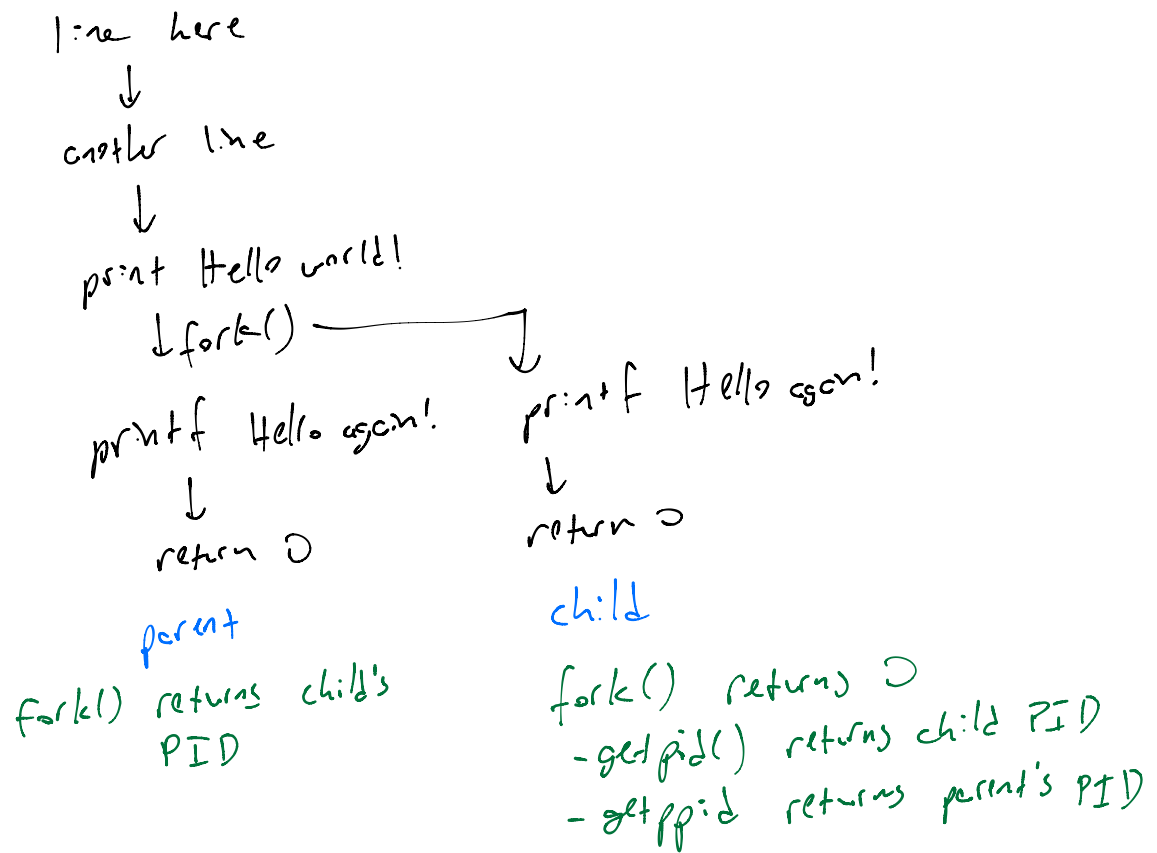
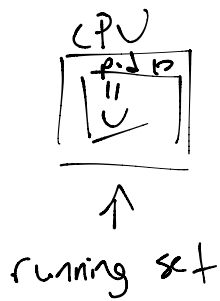


Fork control flow



Scheduling

Managed by OS scheduler



ready queue

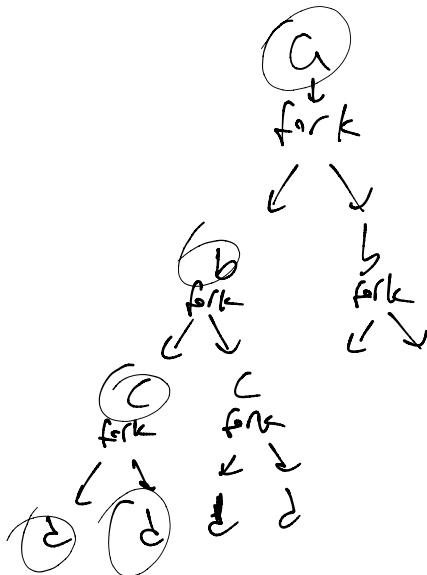


blocked set

Important:

- Ready queue is not a simple FIFO queue
- Don't make assumptions about how long you get the CPU for

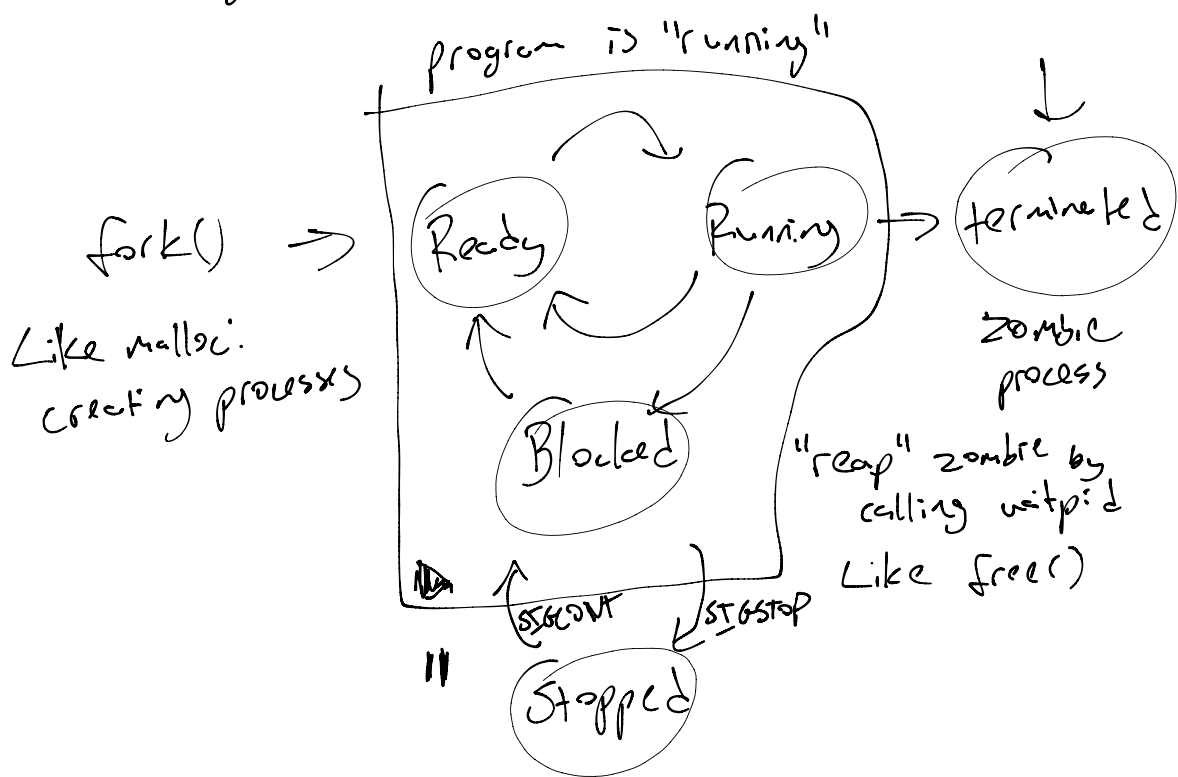
Print letters output: abcd...?



Busy waiting = keeping yourself busy waiting for something to happen ☹

waitpid; wait for child to exit

- If child already exited, returns immediately
- Only for children
- Once you call it on a process, can't call it again



Job control

- Send SIGSTOP signal to pause a process
- Send SIGCONT signal to resume a process

On command line:

```
kill -SIGSTOP pid  
-SIGCONT
```

Programmatically:

```
kill (pid, SIGSTOP/CONT);
```