

CS333 Autumn 2022

Labquiz #1

Cheatsheet

You may need to use these system calls.

Use man pages for syntax of the calls and corresponding include files.

- **fork**
- **exec**

The family of exec system calls. Usually, the first argument (pathname) is the full path of the executable binary which we want to execute and replace the current process with. You may also have to check usage of exec with command line arguments.

Note that with C, the main function receives command line arguments as argc and argv as ...

```
int main(int argc, char** argv)
```

- **wait**
- **read**
- **write** (man 2 write)
- **open** (to open a file for reading, use flags = O_RDONLY)
- **close**
- **pipe**

```
int pipe(int fds[2]);
```

 - Parameters: fd[0] fd for the read end of the pipe
fd[1] fd for the write end of the pipe
- **signal**
- **exit**
- **kill**
send signal to a process
(man 2 kill)