Computer Engineering Department, S V N I T, Surat
Course: System Software
Assignment – 1

1) To study the basics of system call and system library.

   Reference: http://www2.latech.edu/~box/csc222/lecture05.pdf

2) Programs for the simulation of following system calls :

   Fork, exec, getpid, exit, wait, close, stat, opendir, readdir,chmod,chown

   Reference: https://man7.org/linux/man-pages/man2/syscalls.2.html

3) Program for the simulation of following System calls:

   read, write, open, close, poll, lseek, mmap, munmap, brk, rt_sigaction, rt_sigprocmask, pread64,pwrite64, readv, writev, alarm,getittimer, setittimer, getpid, socket, connect, accept, sendto, recvfrom, sendmsg, recvmsg, shutdown, bind, listen, getsocketname, exit, kill, pipe, pause.

   Reference: https://thevivekpandey.github.io/posts/2017-09-25-linux-system-calls.html