

Lab 10 – Q2

1 The calls just after starting kernel are exec open and dup which are called in implementation of init function at the start.

2 the subsequent calls are write of each character of init and starting sh.

3 echo cs3500 gives 12 read calls I.e. for reading each character and then a sbrk indicating the end of uninitialized data segment.

4 following will be the write calls for output.

5 we can also see fork exec before each \$ indicating the setup for taking input and processing

Below is my output:

exec

open

dup

dup

iwrite

nwrite

iwrite

twrite

:write

write

swrite

twrite

awrite

rwrite

twrite

iwrite

nwrite

gwrite

write

swrite

hwrite

write

fork

exec

open

close

\$write

write

echo cs3500

read

read

read

read

read

read

read

read

read

read

read

read

fork

sbrk

exec

cwrite

swrite

3write

5write

0write

0write

write

wait

\$write

write