<Describe shell implementation>

**`myls –l`:**

/home/Students/mw1053/Documents/linux/proj2$ myls -l

total 304

-rw------- 1 mw1053 student 336 Apr 21 22:53 Makefile

-rwx------ 1 mw1053 student 12323 Apr 23 14:05 mycat

drwxr-xr-x 2 mw1053 student 4096 Apr 23 14:05 mycat\_src

-rwx------ 1 mw1053 student 18231 Apr 23 14:05 mycp

drwxr-xr-x 2 mw1053 student 4096 Apr 23 14:05 mycp\_src

-rwx------ 1 mw1053 student 14167 Apr 23 14:05 myls

drwxr-xr-x 2 mw1053 student 4096 Apr 23 14:05 myls\_src

-rwx------ 1 mw1053 student 25954 Apr 23 14:29 mysh

drwxr-xr-x 2 mw1053 student 4096 Apr 23 14:40 mysh\_src

-rw------- 1 mw1053 student 169 Apr 10 13:03 README.md

drwx------ 2 mw1053 student 4096 Apr 23 14:18 test

/home/Students/mw1053/Documents/linux/proj2$

**`ls –l`:**

/home/Students/mw1053/Documents/linux/proj2$ ls -l

total 152

-rw------- 1 mw1053 student 336 Apr 21 22:53 Makefile

-rwx------ 1 mw1053 student 12323 Apr 23 14:05 mycat

drwxr-xr-x 2 mw1053 student 4096 Apr 23 14:05 mycat\_src

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-rw------- 1 mw1053 student 169 Apr 10 13:03 README.md

drwx------ 2 mw1053 student 4096 Apr 23 14:18 test

/home/Students/mw1053/Documents/linux/proj2$

**`mycat <Makefile >out`:**

/home/Students/mw1053/Documents/linux/proj2$ mycat <Makefile >out

/home/Students/mw1053/Documents/linux/proj2$ mycat out

SHELL\_FOLD = mysh\_src

CAT\_FOLD = mycat\_src

CP\_FOLD = mycp\_src

LS\_FOLD = myls\_src

.PHONY: clean run mysh mycat mycp myls

all: mysh myls mycat mycd

mysh:

$(MAKE) -C $(SHELL\_FOLD)

mycat:

$(MAKE) -C $(CAT\_FOLD)

mycd:

$(MAKE) -C $(CP\_FOLD)

myls:

$(MAKE) -C $(LS\_FOLD)

clean:

rm -f mysh mycat mycp myls

run:

@./mysh

/home/Students/mw1053/Documents/linux/proj2$

**`myls | mycat`:**

/home/Students/mw1053/Documents/linux/proj2$ myls | mycat

Makefile mycat\_src mycp\_src myls\_src mysh\_src README.md

mycat mycp myls mysh out test

/home/Students/mw1053/Documents/linux/proj2$