```makefile
CC = gcc
CFLAGS = -c -g -Wall -Wextra
LFLAGS = -g -Wall -Wextra -pthread

INPUTFILESIZEMEGABYTES = 1

KILO = 1024
MEGA = $(shell echo $(KILO)\*$(KILO) | bc)
INPUTFILESIZEBYTES = $(shell echo $(MEGA)\*$(INPUTFILESIZEMEGABYTES) | bc)
INPUTBLOCKSIZEBYTES = $(KILO)
INPUTBLOCKS = $(shell echo $(INPUTFILESIZEBYTES)\/$(INPUTBLOCKSIZEBYTES) | bc)

.PHONY: all clean

all: pi pi-sched rw rr_quantum mixed

pi: pi.o
	$(CC) $(LFLAGS) $^ -o $@ -lm

pi-sched: pi-sched.o
	$(CC) $(LFLAGS) $^ -o $@ -lm

rw: rw.o
	$(CC) $(LFLAGS) rw.o -o $@ -lm

rr_quantum: rr_quantum.o
	$(CC) $(LFLAGS) $^ -o $@ -lm

mixed: mixed.o
	$(CC) $(LFLAGS) mixed.o -o $@ -lm

pi.o: pi.c
	$(CC) $(CFLAGS) $<

pi-sched.o: pi-sched.c
	$(CC) $(CFLAGS) $<

rw.o: rw.c
	$(CC) $(CFLAGS) $<

mixed.o: mixed.c
	$(CC) $(CFLAGS) $<

#rwinput: Makefile
#	dd if=/dev/urandom of=./rwinput bs=$(INPUTBLOCKSIZEBYTES) count=$(INPUTBLOCKS)

rr_quantum.o: rr_quantum.c
	$(CC) $(CFLAGS) $<

clean: testclean
	rm -f pi pi-sched rw rr_quantum mixed
	rm -f rwinput*
	rm -f *.o
	rm -f *~
```

```
    rm -f handout/*~
    rm -f handout/*.log
    rm -f handout/*.aux
    rm -f pilog*

testclean:
    rm -f rwoutput*
```