```makefile
1 # Makefile For Matrix Multiplication w. Multi-threading
2 # OS200 Assignment
3 # Last Modified: 07/05/16
4 # Connor Beardsmore - 15504319
5
6 # MAKE VARIABLES
7 EXEC1 = pmms
8 OBJ1 = pmms.o fileIO.o
9 CFLAGS = -Wall -Wextra -std=c99 -lrt -pthread -D _XOPEN_SOURCE=500
10 CC = gcc
11
12
13 # RULES + DEPENDENCIES
14 $(EXEC1) : $(OBJ1)
15         $(CC) $(OBJ1) -o $(EXEC1) $(CFLAGS)
16
17 pmms.o : pmms.c pmms.h fileIO.h
18         $(CC) -c pmms.c $(CFLAGS)
19
20 fileIO.o : fileIO.c fileIO.h
21         $(CC) -c fileIO.c $(CFLAGS)
22
23 clean:
24         rm -f $(EXEC1) $(OBJ1)
25
```