```
# Makefile for Project 2
# Creates main.o, mmult.o, and the executable mmult

TARGET=mmult
OBJS=main.o mmult.o
CFLAGS=-Wall -g -O2 -fopenmp
LIBS=-fopenmp

all: $(TARGET)
$(TARGET): $(OBJS)
$(CC) -o $(TARGET) $(OBJS) $(LIBS)

clean:
    rm -f $(TARGET) $(OBJS) core*
```