

```
1: C= g++
2: CFLAGS= -Wall -Werror -ansi -pedantic
3: GFLAGS= -lsfml-graphics -lsfml-window -lsfml-system -lsfml-audio
4: c11 = -std=c++11
5:
6: all:
7:     make NBody
8:
9: NBody: CelestialBody.o main.o
10:     $(C) CelestialBody.o main.o -o NBody $(GFLAGS) $(c11)
11:
12: CelestialBody.o: CelestialBody.cpp CelestialBody.hpp
13:     $(C) -c CelestialBody.cpp -o CelestialBody.o $(CFLAGS) $(c11)
14:
15: main.o: main.cpp CelestialBody.hpp
16:     $(C) -c main.cpp -o main.o $(CFLAGS) $(c11)
17:
18: clean:
19:     rm *.o *NBody
```