

# Lab8\_Screenshot

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## Exercises

### Makefile

```
ericchen@EricdeMacBook-Air Lab8_code % make
c++ -c -o main.o main.cpp
c++ -c -o candybar.o candybar.cpp
g++ -o testfiles main.o candybar.o
ericchen@EricdeMacBook-Air Lab8_code % ./testfiles
Call the set function of Passing by reference:
Enter brand name of a Candy bar: Millennium Munch
Enter weight of the Candy Bar:2.85
Enter calories(an integer value) in the Candy bar:250

Call the show function of Passing by reference:
Brand: Millennium Munch
Weight: 2.85
Calories: 250

Call the set function of Passing by pointer:
Enter brand name of a Candy bar: Millennium Munch
Enter weight of the Candy Bar:3.85
Enter calories(an integer value) in the Candy bar:350

Call the show function of Passing by pointer:
Brand: Millennium Munch
Weight: 3.85
Calories: 350
ericchen@EricdeMacBook-Air Lab8_code %
```

### CMakeLists.txt

```
ericchen@EricdeMacBook-Air Ex_cmake % cmake .
-- Configuring done
-- Generating done
-- Build files have been written to: /Users/ericchen/Desktop/cppLab/Lab8/Lab8_code/Ex_cmake
ericchen@EricdeMacBook-Air Ex_cmake % make
[ 33%] Building CXX object CMakeFiles/Ex_cmake.dir/main.cpp.o
[ 66%] Building CXX object CMakeFiles/Ex_cmake.dir/candybar.cpp.o
[100%] Linking CXX executable Ex_cmake
[100%] Built target Ex_cmake
ericchen@EricdeMacBook-Air Ex_cmake % ./testfiles
zsh: no such file or directory: ./testfiles
ericchen@EricdeMacBook-Air Ex_cmake % ./Ex_cmake
Call the set function of Passing by reference:
Enter brand name of a Candy bar: Millennium Munch
Enter weight of the Candy Bar:2.85
Enter calories(an integer value) in the Candy bar:250

Call the show function of Passing by reference:
Brand: Millennium Munch
Weight: 2.85
Calories: 250

Call the set function of Passing by pointer:
Enter brand name of a Candy bar: Millennium Munch
Enter weight of the Candy Bar:3.85
Enter calories(an integer value) in the Candy bar:350

Call the show function of Passing by pointer:
Brand: Millennium Munch
Weight: 3.85
Calories: 350
ericchen@EricdeMacBook-Air Ex_cmake %
```