

Lab 5

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COSC 220

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 *makefile - Notepad

File Edit Format View Help

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#Lab 5
#Jeremy Scheuerman
#Make file
#The files we are combining bar.cpp,bar.h,foo.cpp,foo.h,prog.cpp
prog: bar.o foo.o prog.o
    g++ bar.o foo.o prog.o -o prog

#rule for making bar.o
bar.o: bar.cpp bar.h
    g++ -c bar.cpp

#rule for making foo.o
foo.o: foo.cpp foo.h
    g++ -c foo.cpp

#rule for making prog.o
prog.o: prog.cpp
    g++ -c prog.cpp

#rule for cleaning up
clean:
    rm bar.o foo.o prog.o
```

```
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_5# make
make: 'prog' is up to date.
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_5# make clean
rm bar.o foo.o prog.o
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_5# make
g++ -c bar.cpp
g++ -c foo.cpp
g++ -c prog.cpp
g++ bar.o foo.o prog.o -o prog
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_5# make clean
rm bar.o foo.o prog.o
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_5# make
g++ -c bar.cpp
g++ -c foo.cpp
g++ -c prog.cpp
g++ bar.o foo.o prog.o -o prog
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_5# make
make: 'prog' is up to date.
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_5# make
g++ -c foo.cpp
g++ bar.o foo.o prog.o -o prog
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_5# |
```

It only modified foo in the after that because that was the only file that was modified