```
Last login: Wed Jan 15 15:42:38 on ttys002
(base) thunderbird2:~ kevinshuman$ cd Documents/Phys_567/Homeworks/
Homework_1/
(base) thunderbird2:Homework_1 kevinshuman$ gcc -w -o
Phys_567_Homework_1 Phys_567_Homework_1.c -lgsl -lgslcblas -lm
(base) thunderbird2:Homework_1 kevinshuman$ ./Phys_567_Homework_1
(base) thunderbird2:Homework_1 kevinshuman$ gnuplot

        G N U P L O T
        Version 5.2 patchlevel 7    last modified 2019-05-29

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        Thomas Williams, Colin Kelley and many others

        gnuplot home:     http://www.gnuplot.info
        faq, bugs, etc:   type "help FAQ"
        immediate help:   type "help"  (plot window: hit 'h')

Terminal type is now 'qt'
gnuplot> set xlabel "Wavelength (nm)"
gnuplot> set ylabel "Reflectivity"
gnuplot> set title "Reflectivity using xray1727 data"
gnuplot> plot "xray1727_interp.dat" using 1:2 every 1 points 0.01,
"xray1727_data.txt" using 1:2 every 1 points 1
gnuplot> set title "Reflectivity using xray8528 data"
gnuplot> plot "xray8528_interp.dat" using 1:2 every 1 points 0.01,
"xray8528_data.txt" using 1:2 every 1 points 1
gnuplot> set title "Reflectivity using xray8529 data"
gnuplot> plot "xray8529_interp.dat" using 1:2 every 1 points 0.01,
"xray8529_data.txt" using 1:2 every 1 points 1
gnuplot>
```