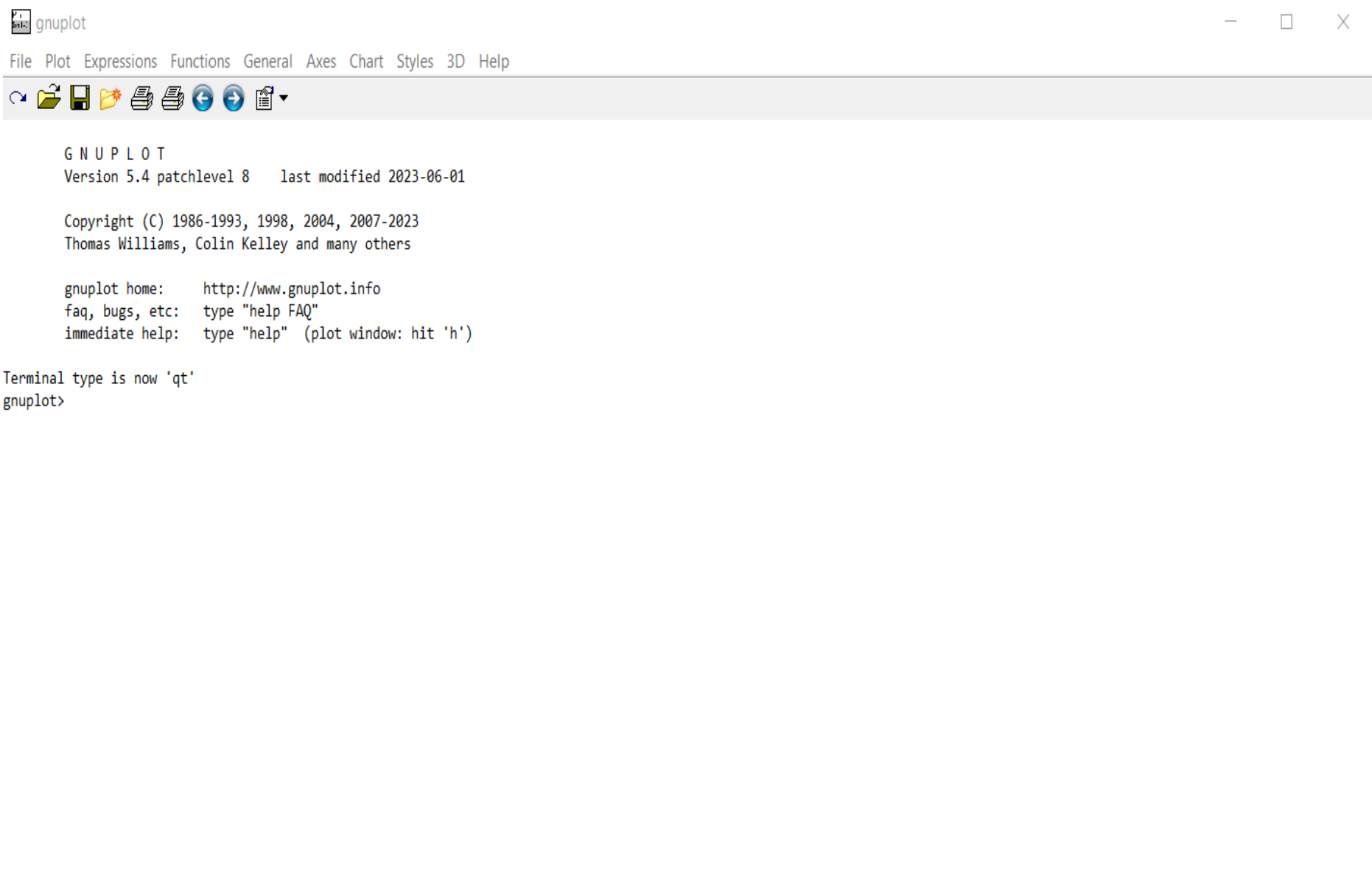


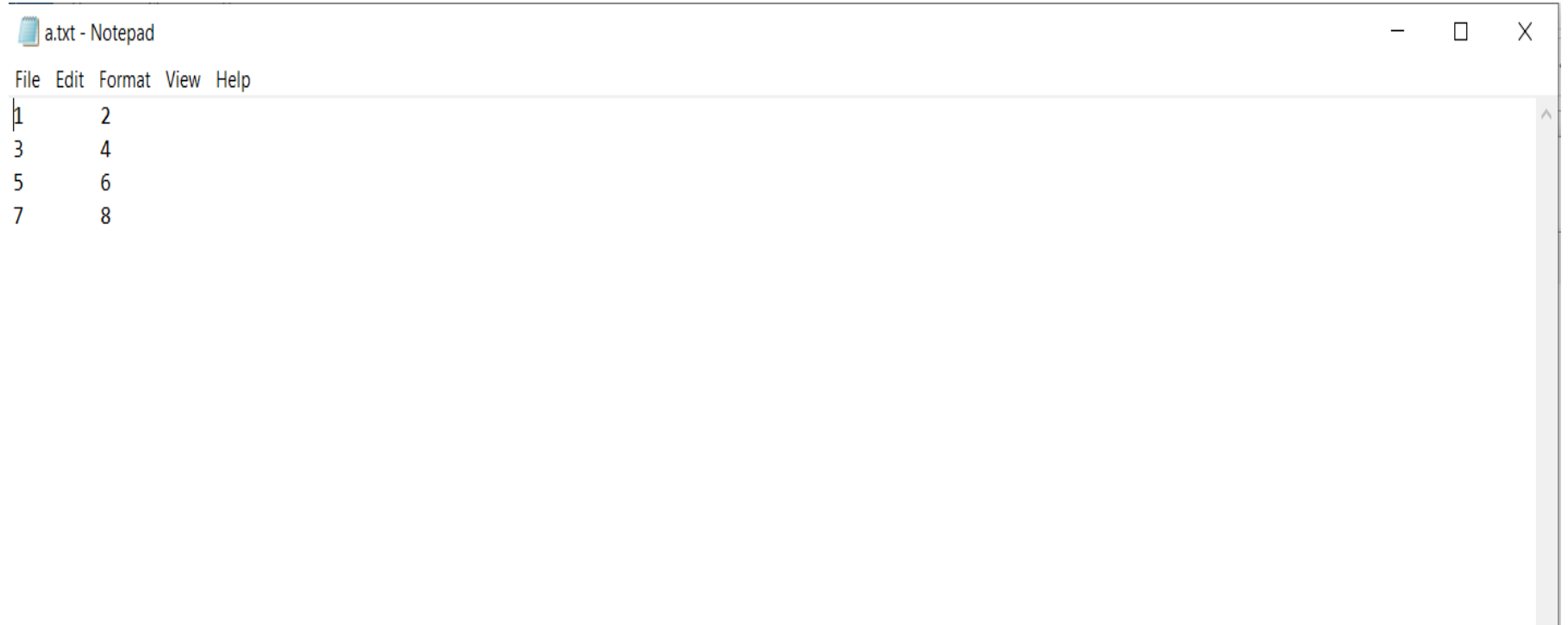
Unit V

- **Gnuplot**

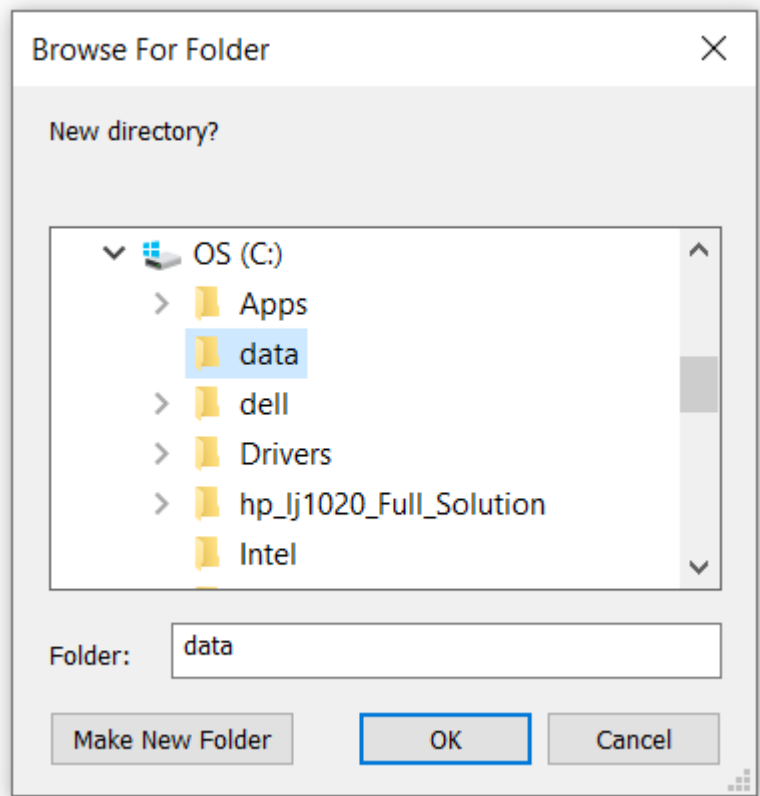
• Gnuplot




- **Gnuplot**



- **Change Directory**



 gnuplot

File Plot Expressions Functions General Axes Chart Styles 3D Help



G N U P L O T

Version 5.4 patchlevel 8 last modified 2023-06-01

Copyright (C) 1986-1993, 1998, 2004, 2007-2023

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> cd 'C:\data'

gnuplot> _

• Gnuplot

gnuplot

File Plot Expressions Functions General Axes Chart



GNU PLOT

Version 5.4 patchlevel 8 last modified 2015-08-14

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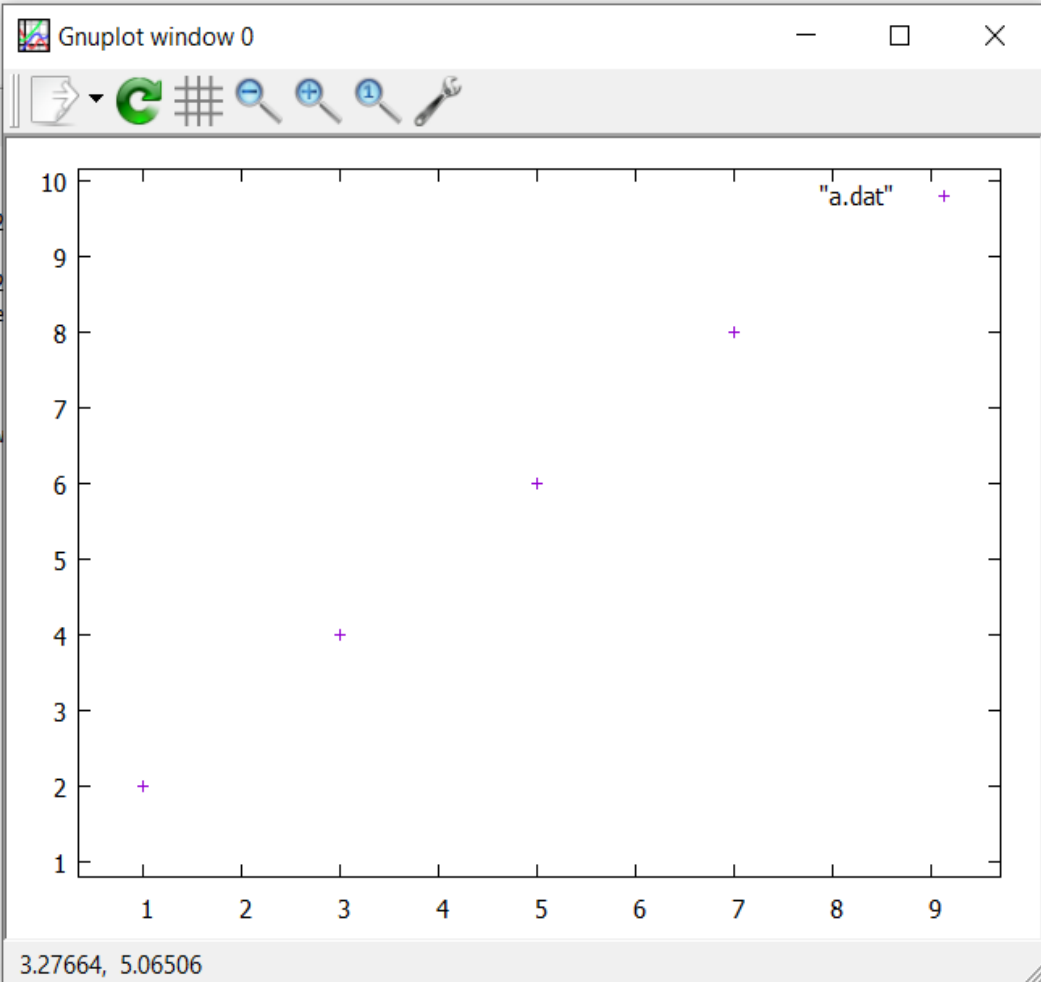
gnuplot home: <http://www.gnuplot.info>
faq, bugs, etc: type "help FAQ"
immediate help: type "help" (plot window)

Terminal type is now 'qt'

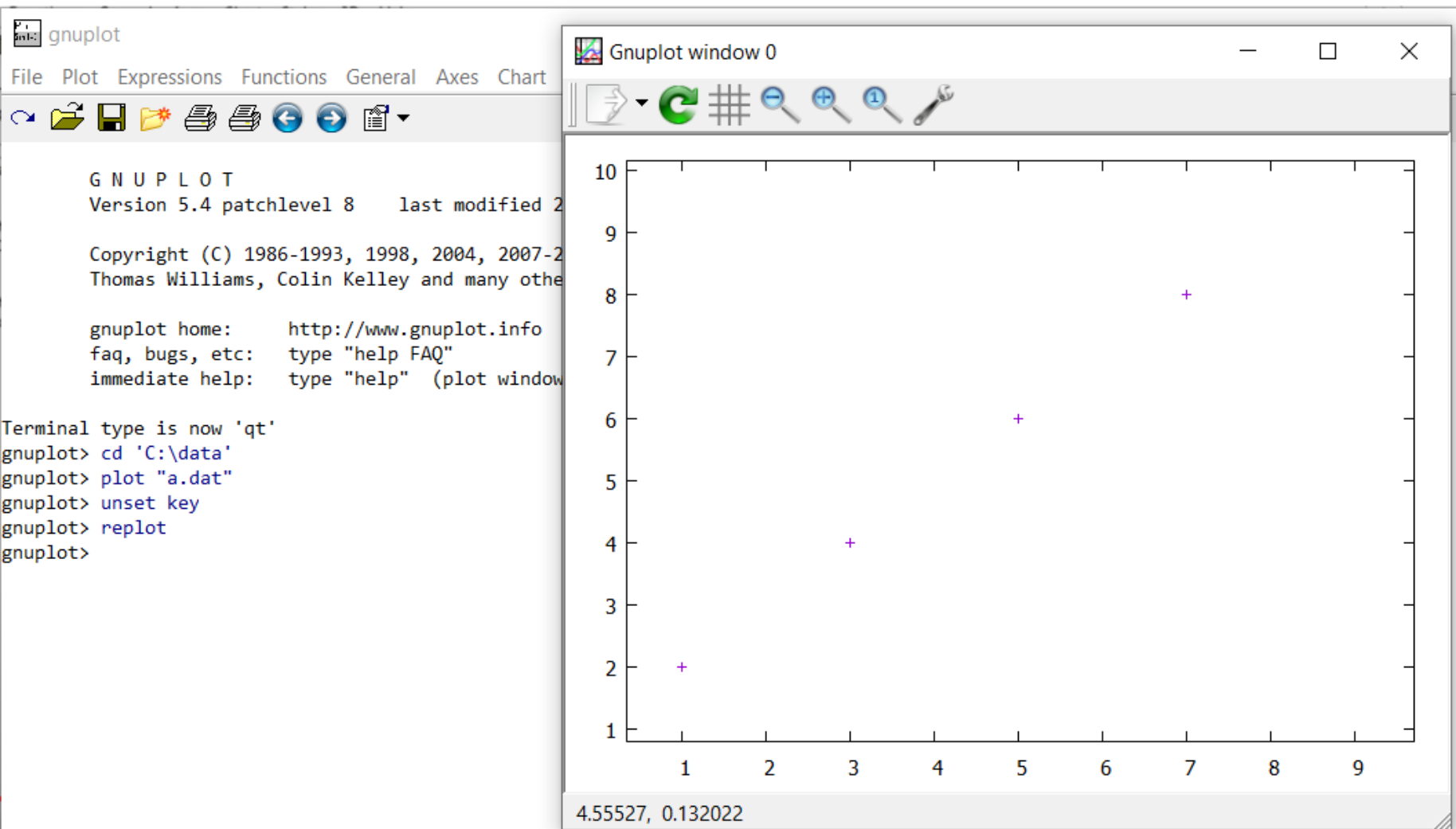
gnuplot> cd 'C:\data'

gnuplot> plot "a.dat"

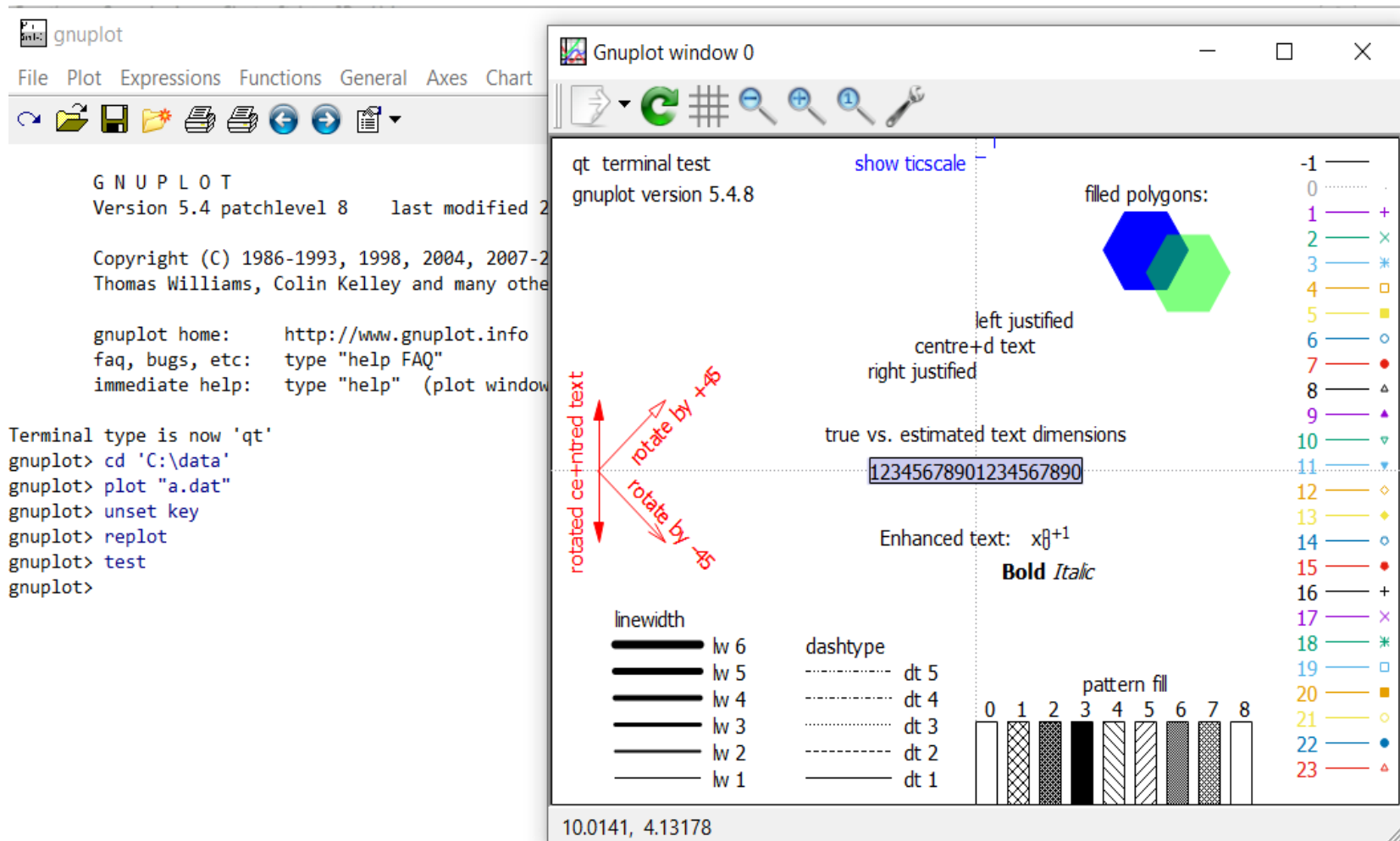
gnuplot>



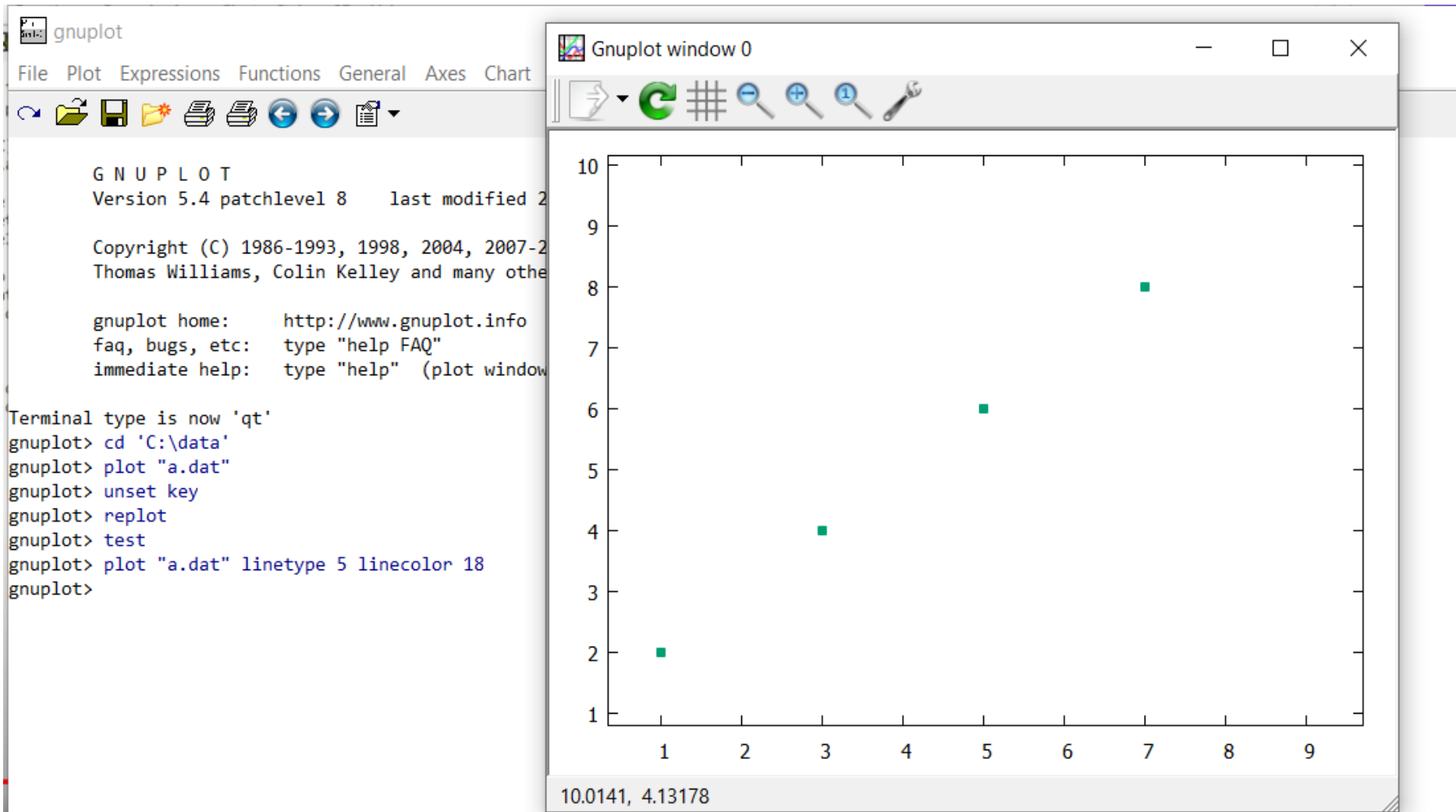
• Gnuplot



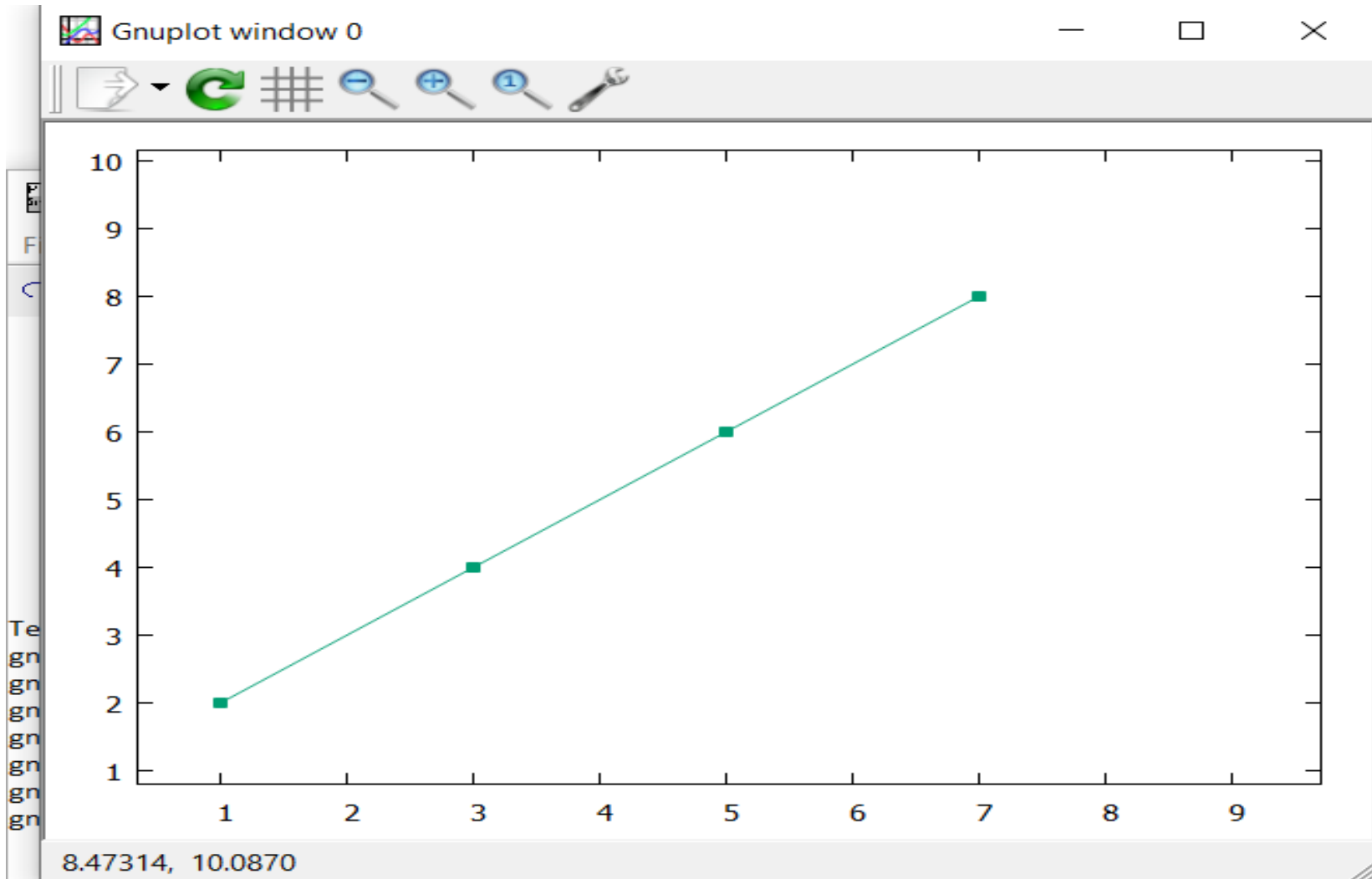
• Gnuplot



• Gnuplot

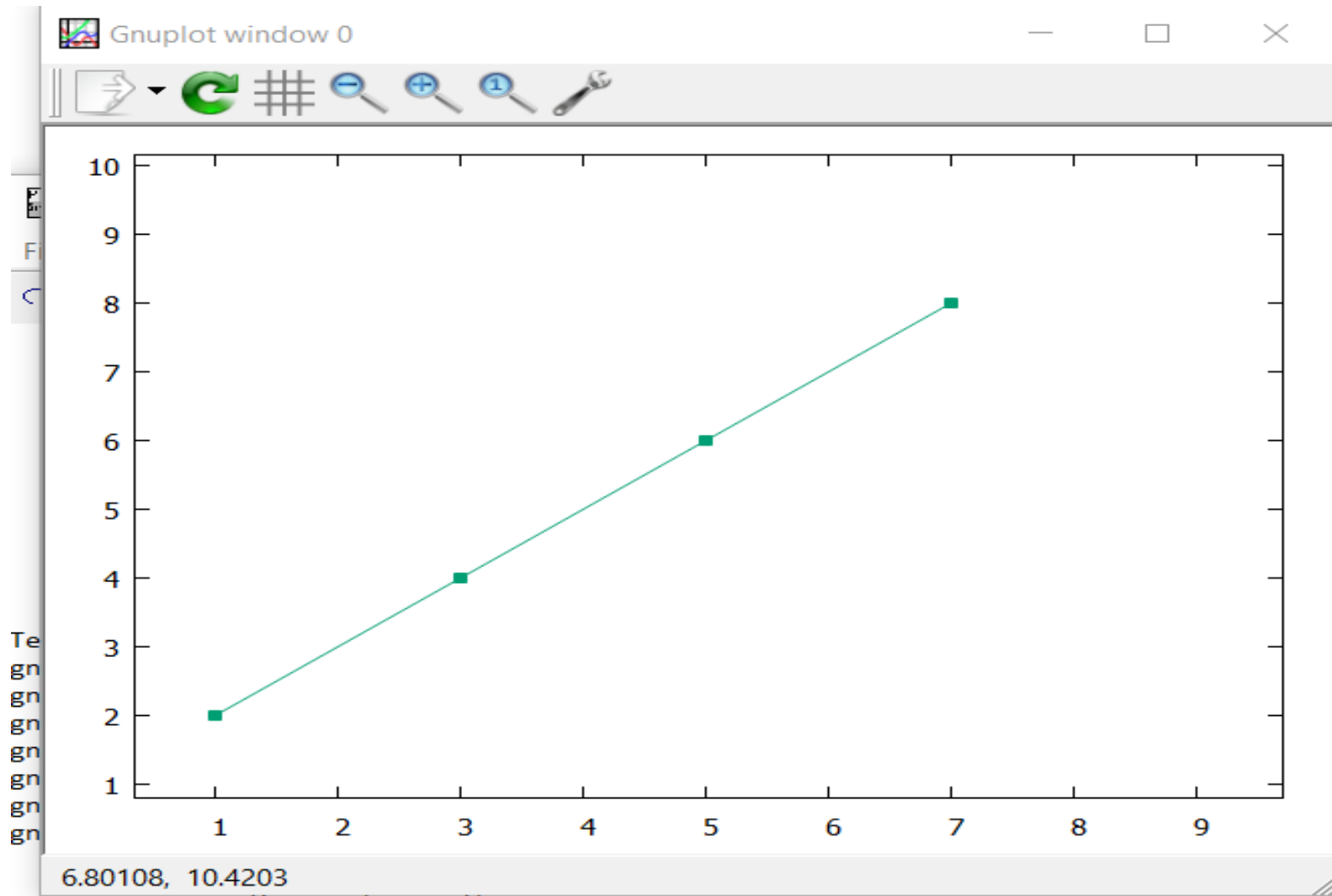


- **Gnuplot**



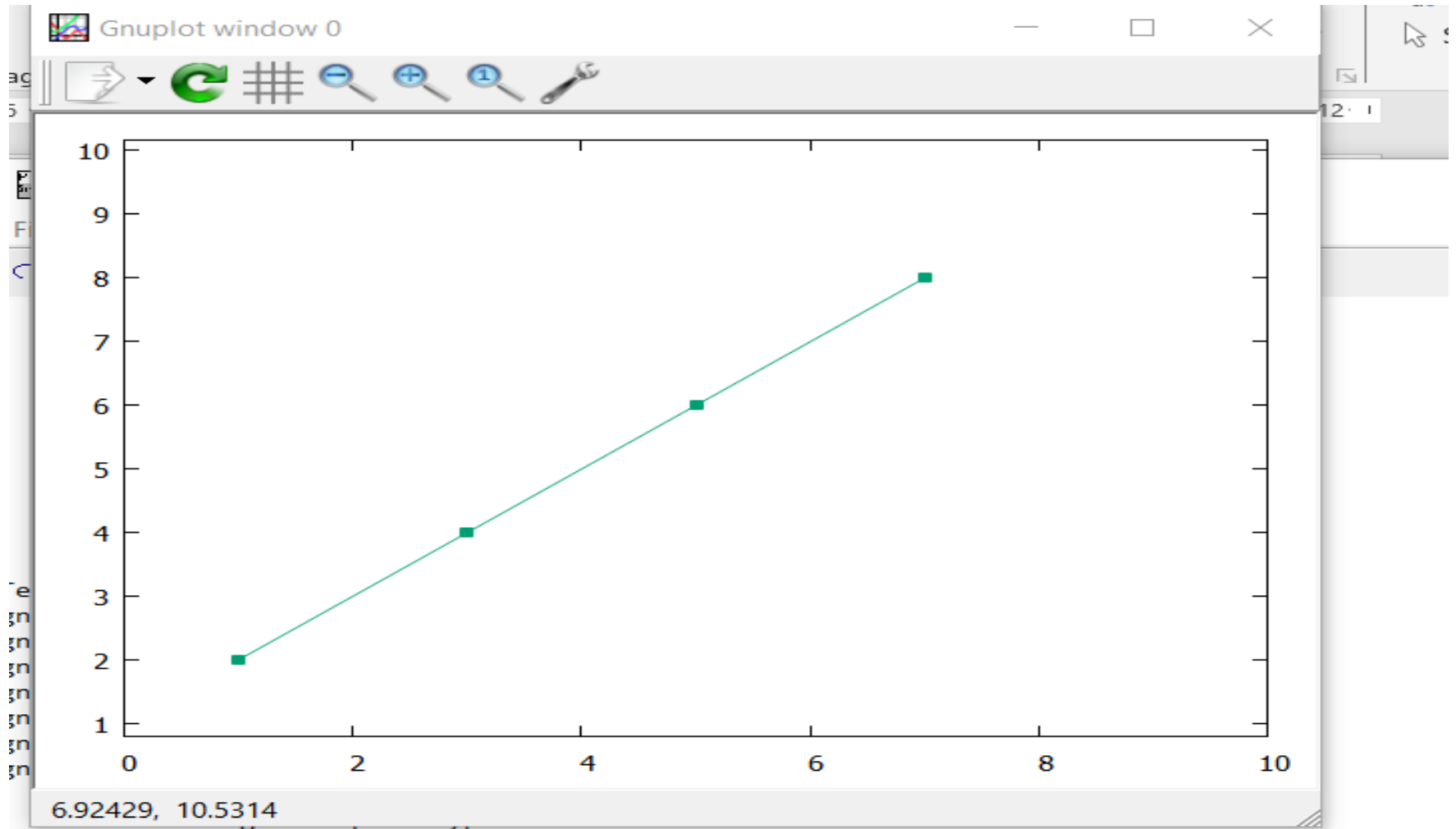
```
gnuplot> plot "a.dat" linetype 5 linecolor 18 with linespoints
gnuplot>
```

- **Gnuplot**



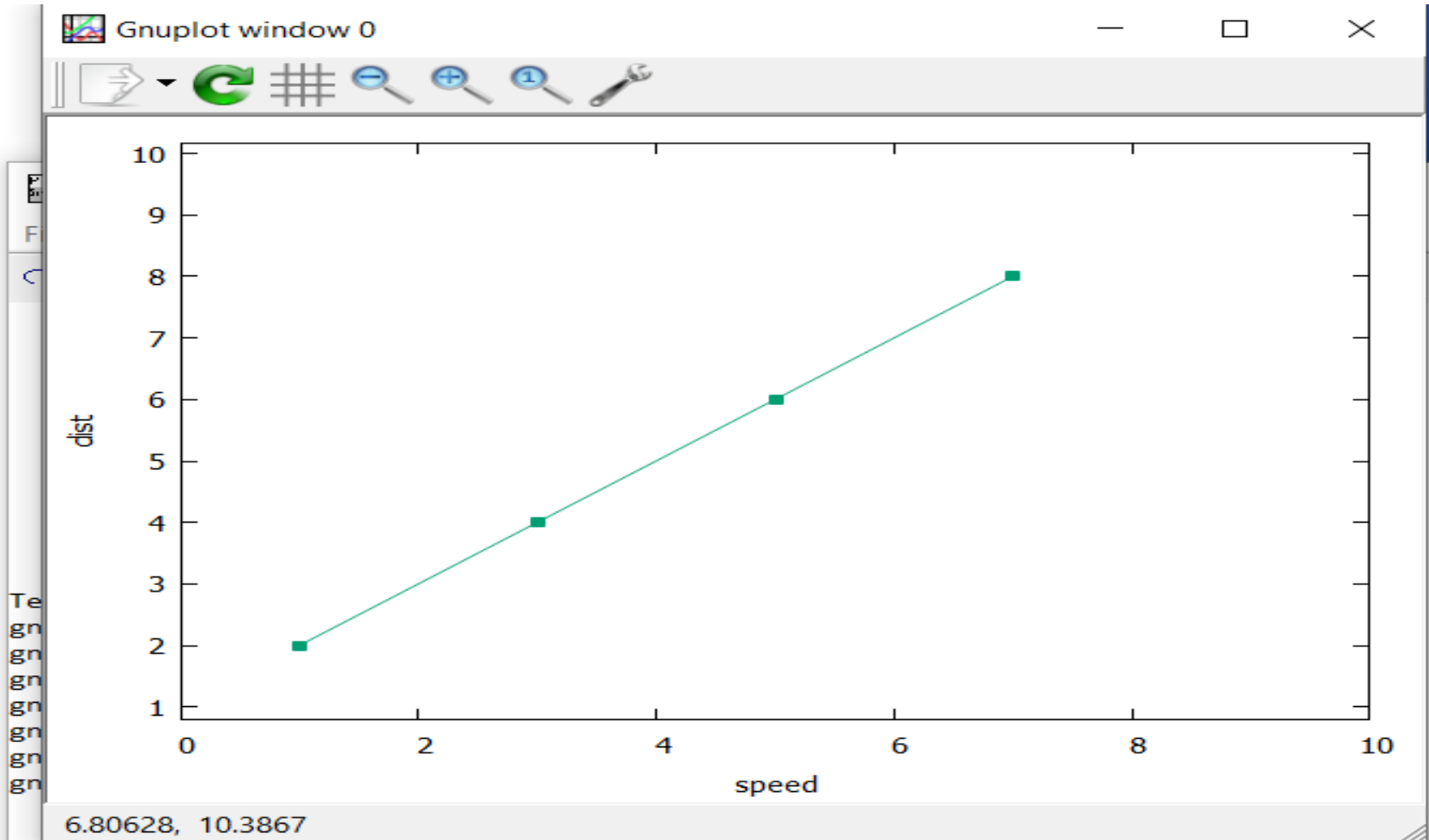
```
gnuplot> plot "a.dat" linetype 5 linecolor 18 with linespoints
gnuplot> plot "a.dat" lt 5 lc 18 w lp
gnuplot>
```

- **Gnuplot**



```
gnuplot> plot "a.dat" linetype 5 linecolor 18 with linespoints
gnuplot> plot "a.dat" lt 5 lc 18 w lp
gnuplot> set xrange[0:10]
gnuplot> replot
gnuplot>
```

- **Gnuplot**



```
gnuplot> plot "a.dat" linetype 5 linecolor 18 with linespoints
gnuplot> plot "a.dat" lt 5 lc 18 w lp
gnuplot> set xrange[0:10]
gnuplot> replot
gnuplot> set xlabel "speed"
gnuplot> set ylabel "dist"
gnuplot> replot
gnuplot>
```

• Gnuplot

This PC > OS (C:) > data

Name	Type
a	DAT
a.txt	Text Document
image	PNG File

gnuplot

File Plot Expressions

GNUPLI
Version 5.4

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Thomas Willi

gnuplot home
faq, bugs, e
immediate he

Terminal type is now
gnuplot> cd 'C:\data
gnuplot> plot "a.dat
gnuplot> unset key
gnuplot> replot
gnuplot> test
gnuplot> plot "a.dat
gnuplot> plot "a.dat

unrecognize

gnuplot> plot "a.dat
gnuplot> plot "a.dat
gnuplot> set xrange[
gnuplot> replot
gnuplot> set xlabel
gnuplot> set ylabel
gnuplot> replot
gnuplot> set output "image.png"
gnuplot> replot
Closing image.png
gnuplot>

Gnuplot window 0

dist

speed

9.51435, -0.0586406