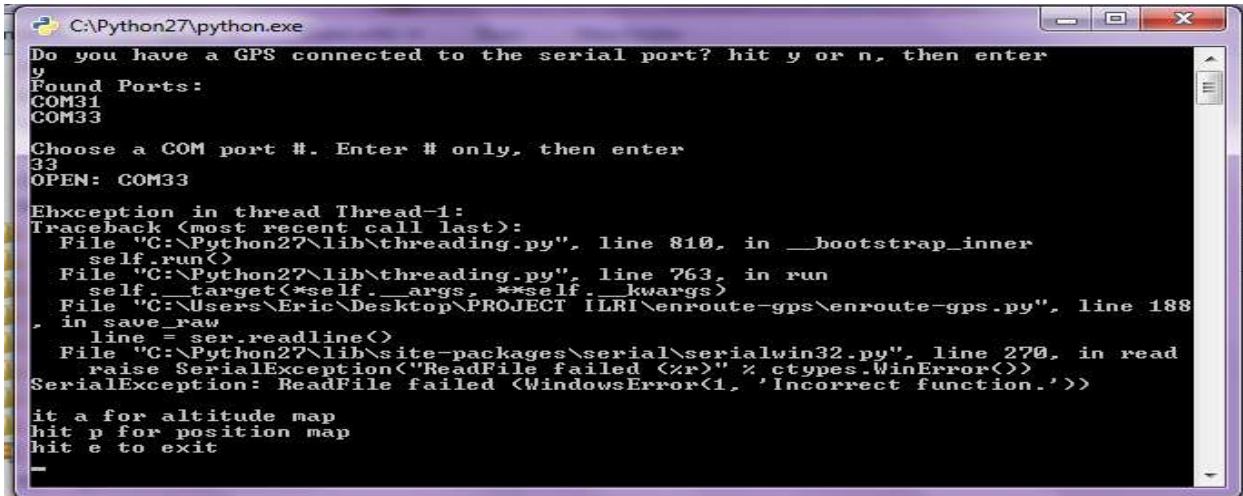


```
C:\Python27\python.exe
Do you have a GPS connected to the serial port? hit y or n, then enter
_
```

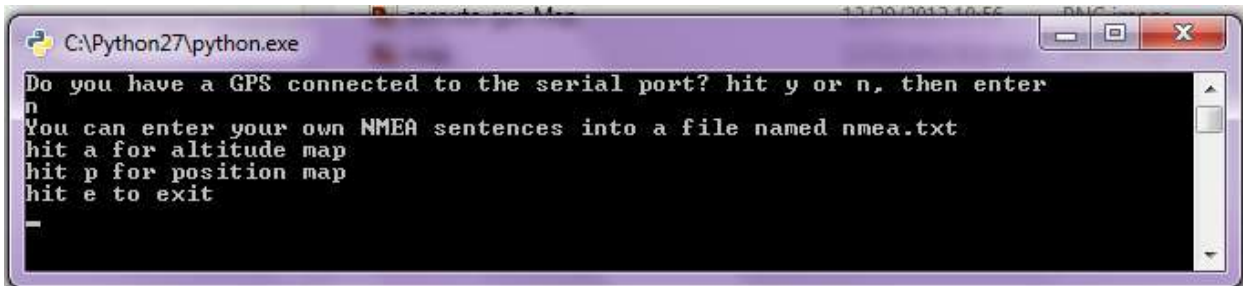
If you “Y” for yes and you don't have a GPS connected and you try to press, you will get out-of-bound errors from the parsing as shown below



```
C:\Python27\python.exe
Do you have a GPS connected to the serial port? hit y or n, then enter
y
Found Ports:
COM31
COM33
Choose a COM port #: Enter # only, then enter
33
OPEN: COM33
Ehexception in thread Thread-1:
Traceback (most recent call last):
  File "C:\Python27\lib\threading.py", line 810, in __bootstrap_inner
    self.run()
  File "C:\Python27\lib\threading.py", line 763, in run
    self._target(*self._args, **self._kwargs)
  File "C:\Users\Eric\Desktop\PROJECT ILRI\enroute-gps\enroute-gps.py", line 188
    in save_raw
    line = ser.readline()
  File "C:\Python27\lib\site-packages\serial\serialwin32.py", line 270, in read
    raise SerialException("ReadFile failed (%r)" % ctypes.WinError())
SerialException: ReadFile failed (WindowsError(1, 'Incorrect function.'))

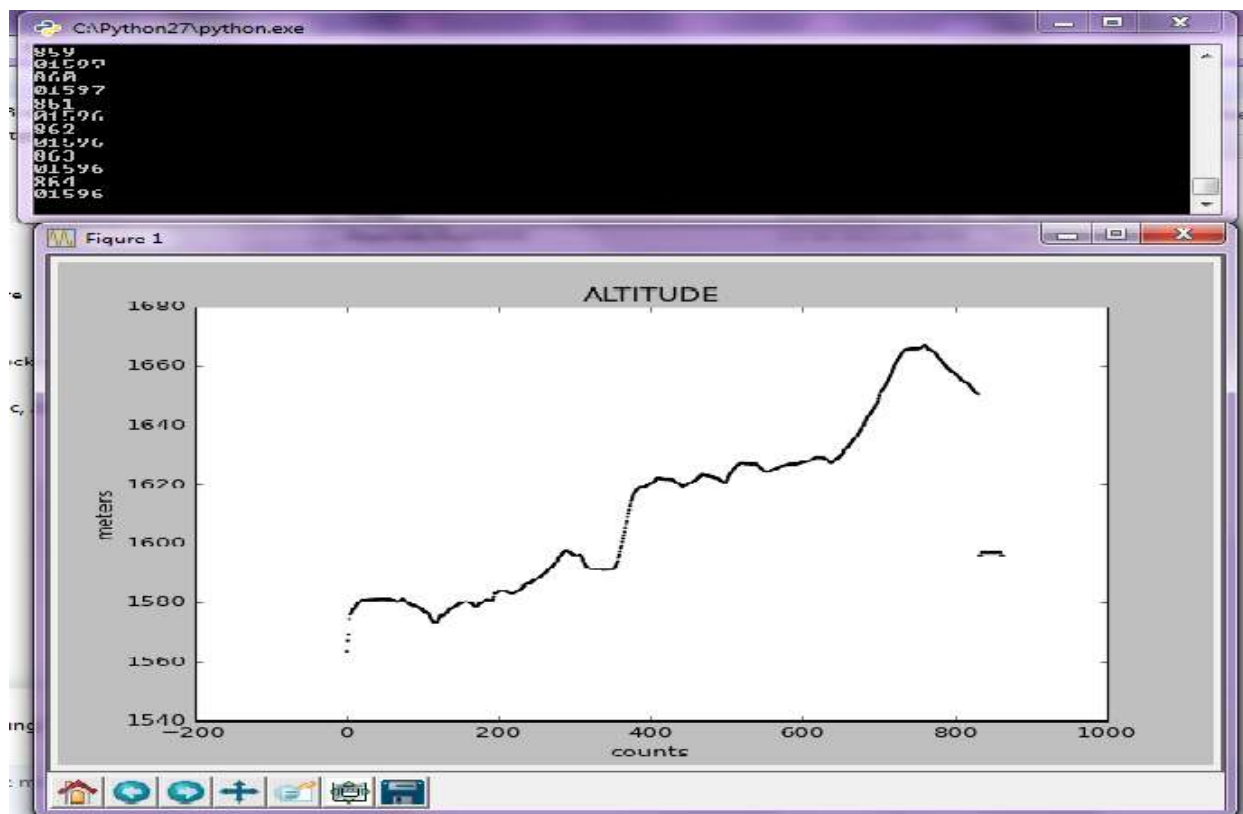
hit a for altitude map
hit p for position map
hit e to exit
_
```

If you “n” for no and you don't have a GPS connected and you press <Enter>, you will be presented with a menu as shown below



```
C:\Python27\python.exe
Do you have a GPS connected to the serial port? hit y or n, then enter
n
You can enter your own NMEA sentences into a file named nmea.txt
hit a for altitude map
hit p for position map
hit e to exit
_
```

If your Choice was "a" for altitude The results will be as Shown Below:



If your Choice was "a" The results will be as Shown Below:

