

F'02 PHY307/607 Homework #2

In answering question #3, you will do some research and reading on the Web; there is no assigned reading from Chaos this week.

Please turn in original written responses to the following by the beginning of class on Tuesday, Sept. 3 (feel free to work with others, but do something unique and write up your work using your own words):

1. Try out two other demonstration programs in VPython (go to a cluster, log in, start IDLE, go to “Open” under the “File” menu, select a file to open from the demo selection, and run it – see steps 14 & 15 from Lab #1.) Try the mouse buttons to see what they do to your viewpoint. Record what each program does, giving its name.
2. Read some documentation on IDLE. Start with “Toying With IDLE” – a gentle introduction for beginners available from the PHY307 page under “Books & Resources”. Then make a program file that prints ten even numbers (say 0,2,4,6, etc. or 2, 4, 6, etc..) If you get stuck, give me a call or e-mail, please! [If you have some programming experience, you might like to look at the IDLE documentation available at www.python.org and the Python documentation available under www.python.org (click on “Documentation” at the top of the page and look at “Python for Beginners”).] You are also free to submit a more ambitious program.
3. Who was Alan Turing? What were his professional accomplishments? How did his life end? Summarize what you find out in a couple of paragraphs or so.