

Python Bootcamp Instructions



Figure 1: SIR, YES SIR!

Welcome to Python bootcamp!

This course contains the Python Bootcamp for 2nd year astronomers. The idea behind the bootcamp is to prepare you for the Python programming part of PHY241. Programming is a vital skill for a scientist and you'll use it throughout your course, so it's important to get off to the right start.

What should I do?

At the start of the Autumn Semester we will run two afternoon bootcamp sessions. These will cover the material in part II of the bootcamp. You **need** to have done some preparation work for those sessions over the summer break.

Bootcamp part I

In the folder pybootcamp-part1 are a collection of files that introduce what Python is, how to install it on your laptop, and how to run Python.

- Open the notebook files and read them in order.
- Complete any tasks that are indicated by green boxes in the notebook.

Once you've completed those notebooks, go to http://interactivepython.org/runestone/static/Python_Bootcamp_1. Read the material and complete the exercises there, and you'll be in great shape to master Python when we start in the Autumn.

Where do I get help?

It's always best to try and figure things out for yourself, but if you get stuck, send me an email at s.littlefair@shef.ac.uk.