

Python learning resources

- This is my #1 favorite book to recommend (there are others in the series too and they can be bought as a physical book or are accessible for free online):

<https://inventwithpython.com/cracking/>

- And this is my second favourite:

<https://amzn.eu/d/4ld0Fr6>

The books can be expensive but you can often get used copies on ebay or similar

- We (the Raspberry Pi Foundation) have some free courses on EdX. These are the most relevant:
 - <https://www.edx.org/learn/computer-programming/raspberry-pi-foundation-programming-101-an-introduction-to-python-for-educators>
 - <https://www.edx.org/learn/computer-programming/raspberry-pi-foundation-programming-102-think-like-a-computer-scientist>
 - <https://www.edx.org/learn/computer-programming/raspberry-pi-foundation-object-oriented-programming-in-python-create-your-own-adventure-game>
- This YouTube video has been recommended by colleagues. I have never watched it!

<https://youtu.be/b093aqAZiPU?feature=shared>

Python problems for students to solve

- I like this [little book of challenges](#)
- I am a big fan of the books on the following site. You can buy physical copies online or use the pdf versions. This one has practice tasks

<https://inventwithpython.com/#pythongently>

- These websites have lots of practice tasks:

https://adriann.github.io/programming_problems.html

<https://users.csc.calpoly.edu/~jdalbey/103/Projects/ProgrammingPractice.html>

https://rosettacode.org/wiki/Category:Programming_Tasks

https://www.codeabbey.com/index/task_list