

# COMPUTER SCIENCE TRANSITION PROJECT

Please complete the work and produce a series of links to your evidence in Google drive ready for submission in September.

For those of you less cool than us über-Geeks: n00bs are those that don't know how to program, 133ts have studied GCSE Computer Science and TL;DR is all of you. Select either of the n00bs or 133ts, then complete the TL;DR.

## n00bs

### Learn to Program in Python

Work through the 'All the Basics - New' Exercises from the free UDEMY course, you must be able to understand the basics of developing in Python.

<https://www.udemy.com/course/pythonforbeginnersintro/>

Read, Practice then attempt the exercises and extensions for the course. Watch the videos and practice!

### Practice your skills

Answer the quiz questions on module 1 and 2 of the SoloLearn Python 3 section. You can go further if you'd like but all you really need is to have some confidence in the basics.

<https://www.sololearn.com/Course/Python/>

Read, Practice then attempt the exercises and extensions for the course. Watch the videos and practice!

## 133ts

### Practice your Python Skills

Sign up for CodeWars.com making sure to select Python as your language of choice.



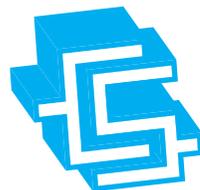
You will be presented with programming challenges (kata) on your home page.

Complete as many as you can to increase your rank until you are at least 4 kyu.

You can skip challenges if you're stuck.

<https://www.codewars.com>

You may want to connect this to your GitHub account in order to allow it to keep copies of your code in your repositories.



## TL;DR

### Top Down / Modular Refinement

How do we tackle large scale projects? We break it down! Let a younger Mr. Morgan (with hair 🤪) explain it to you. Summarise in 150 words.

<https://www.youtube.com/watch?v=PRcTIFzk-4k>

Then like, comment and subscribe. Because why not?!

### Developing Apps - the Reality

Listen to episode 162 of the Under the Radar podcast and get an understanding of what a real app development lifecycle is like. Summarise in 300 words.

<https://www.relay.fm/radar/162>

There are lots of cool nerdy podcast, subscribe to a few!