Computing 'Pre-A level' work

Our intention with any 'pre-A level' work is that:

1. We don't want to 'teach' A level content early, at a distance. This is partly because different people will have different access to resources and we'd like a 'clean' start in September.

2. We do want you to keep your knowledge 'fresh' so you don't forget what you once knew / were good at. A bit of practice is therefore a good idea.

3. Ideally, we'd like you to know who's in the group and we'd encourage sensible discussion / information sharing, getting used to a more mature way of working.

Please could you therefore complete the attached survey
https://docs.google.com/forms/d/e/1FAIpQLSfRO62fNk5YK3cm3-8eevb2L23RAO_BwRwt5QoPNyhgrH8UZg/viewform

In addition, we want you to do a bit of programming to keep your coding skills 'fresh' as there is a long gap between the end of Y11 and the start of Y12 (and you are likely to have been focused on 'exam' type work in Y11, for obvious reasons.

Depending on your existing level of skill/experience, please choose <u>at least one</u> of the following:

1. If you have been learning Python for GCSE, investigate/practice using tkinter to create GUI interfaces for Python.
2. Although you are not actually required to use OOP in any practical programming for A level, it is something that you will need to have knowledge of. The link below is to an online course is designed to run for 4 weeks at 2 hours per week. We're assuming that you already have knowledge of Python. If you don't, and think that some other programming preparation would be more appropriate then please don't do this work and contact me instead, as you'd be better off looking at other aspects of the language.
https://www.futurelearn.com/courses/student-object-oriented-programming/1/todo/75021
3. At A level you will need to be familiar with Javascript (in addition to another language, such as Python). We will spend time in lessons looking at this, but it would be a good idea to start looking at this language if you've never used it before. You'll see that it is very similar to other languages - just using a different syntax.

Above all, if you would like to contact us to arrange something more appropriate to your needs, then please do!
If anybody would consider something other than Python to be their 'preferred' programming language then please email me….

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