How to improve the scrutability of the algorithm

If we were able to use python/another coding programme, the we would have improved the scrutability of our algorithm so we will make it easier for someone who has never used python or other coding techniques to create a working algorithm that is accurate and efficient. Another way to improve our algorithm, would be to add comments alongside the code itself, so the programmer is able to understand what function each part of the code has, and how to properly write the code. This will also allow the programmer to write the code in less time, therefore making it more efficient, as there will be less time trying to figure out if certain parts of the code are correct. You could also give the different variables names so that there is less confusion when writing the code. Also, it would allow people to instantly recognise what the variable contains. For example, if we wanted the output to labelled a more distinguishable name like “results”, you would write the code ‘Output=”Result”’, which is much easier to recognise. It would also be quite useful in improving the scrutability if we left spaces between big chunks of code, as it can be quite difficult to differentiate between codes if it is in one large paragraph, which could result in the same lines being read more than once, or even code being copied incorrectly. It could also cause strain on the eyes of certain people, so by increasing the spaces of the code, it would make it a lot easier for the programmer, as seen in the code below which we used to demonstrate.

