Analysis of Digit Recognition Program

The aim of this project is to build a program that can recognise the input of different handwritten images and generate a text output. The point of a program like this is to aid me in cataloguing work that I have done in lessons at school and help me to make flashcards of any important information within the workbooks. Eventually, I will be able to simply take a picture of the page I want and run it through and app, working similarly to Google Handwriting Input and Pen to Print, (both are Android apps). However, building the app would be an extension to the project as I would be using Swift rather than any pre-determined language set by AQA. From my research, I couldn’t find a similar app on the apple app store, as most apps involved writing directly onto the screen, even if the notes were handwritten.

Third party involvement will come from asking friends to provide images for me to test the program with, as we are all very likely to have different handwriting styles, and this would likely provide an interesting challenge to try and overcome. I hope that over the course of this project I can improve the ability of the program to recognise input data, especially with respect to the differences in handwriting.