

C++ Coursework 2 Report

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(i). How was your overall experience regarding doing this coursework?

The overall experience when doing this coursework is great. The further development of Coursework 1 allow me to have better understanding on C++ coding. Besides, all the requirements for the software are clearly stated in the coursework sheet, it allows me to develop the software smoothly

(ii.) key things you've learned while doing this coursework?

The key thing I had learned is testing of the software should be done frequently for easy tracking of the error. Another key thing that I had learned is how to write data to text file and load data from text using C++.

(iii). Noteworthy difficulties you faced (and why?)

In coursework 1, I did not implement the delete function in the software so when I want to choose the block that need to edit is just using the `block_num - 1` to get the position of the block in array. However, after implemented the delete function, this method is not work, for example the block chain contains 4 blocks. Then, block 3 was deleted, in this case block 4 is no longer in the position 3 ($4-1=3$) in the array so there is a error on choosing the block to edit. To fix this problem, I implement a `check Position` function to check the actual position of the block in the array