Compulsory 1 report

At first I was having a little trouble remembering how templates worked so I to make it easier for myself to get back into c++, so I began compulsory 1 by trying to make it just a dynamic int array. It was easy to translate it to use templates after that.

Of the search algorithms, linear search was much easier to understand than binary search.

For most of the algorithms I used a combination of looking at the psuedo code examples and reading about them on geekforgeeks.

Selection sort has been one of the simpler algorithms to implement.

Bubble sort and Merge sort have been the hardest sort algorithms, where, as of writing I have not managed to implement Merge sort yet.