**The Report for The Course Exercise of Data Structures**

Topic:

Group:

Members:

Data:

**School of Computer science**

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## Abstract

(Briefly describe what you have done with less than 200 words)

## Problem definition and demand analysis

(Describe the topic you have chosen. And analyze what are the challenges in this topic. Describe the detailed function you are going to implement. Describe the duty for each member.)

## Design of the main framework

(Design your project in an Object-Oriented manner. Describe how many modules are there in your program, and briefly describe what are the functions for each module as well as the relationships between them.)

## Detailed design

(Describe in detail of each module in your program. The data structures including the logic structures and the physical structures should be described in detail. If any algorithm is used, describe the algorithm in detail.)

## Testing and analysis

(Describe how you test and debug your program to make sure everything is correct. Analyze the pros and cons of your programs.)

## Conclusion

(Conclude your report)

## References

(If you have referred any sources, list them here.)

(Red sentences are expected to be removed when you submit your report!)