### <Title of the documentation/report>

### A major course output

### for the course on

### <course name>

### (<course code>)

### Submitted by

### <lastname, firstname of group members>

### (in alphabetical order)

### 

### <Teacher’s Name>

### Teacher

### <Date of Submission>

### Introduction

### In paragraph form, introduce the task that is assigned and the motivation behind it.

### Design and Implementation Indicate the programming language that you chose. Give a brief description of how you implemented the data structure. Did you implement a single BST or multiple BST? Explain why. Give a brief description of your algorithm. You may include a flowchart for visualization if necessary. Describe how you implemented your algorithm. Depending on the programming language used, list the libraries or APIs that you used in your implementation. Indicate how to compile (if it is a complied language) your code, and how to run (execute) your program from the COMMAND LINE. Examples are shown below. Replace them accordingly. Make sure that all your group members test what you indicate below. The solution will be initially tested using the sample input text file that you have submitted. Then, another text file provided by the instructor will be used to test the data.

|  |
| --- |
| Sample:Libraries:<Library 1>To compile from the command line (for compiled language only):C:\CCDSALG>gcc -Wall GROUP-1.c -o GROUP-1.exeTo run from the command line:C:\CCDSALG>GROUP-1 |

1. **Results and Analysis**  
   Discuss your test results.

### Discuss the strengths of your program. What inputs can it handle? (e.g. your solution can handle English words with hyphen.) Explain or hypothesize how it can handle such inputs.

### 

### Discuss the weaknesses of your program. What inputs can it not handle (e.g. your solution cannot handle English words with hyphen). Explain or hypothesize why it cannot handle such inputs.

### Conclusions and Recommendations

### Summarize what you did. An algorithm that … was implemented using …

### Highlight the significant and interesting findings.

### References

### Cite all resources and references. Follow the APA format.

### Appendix A: Contribution of Members

|  |  |
| --- | --- |
| Name | Contributions |
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