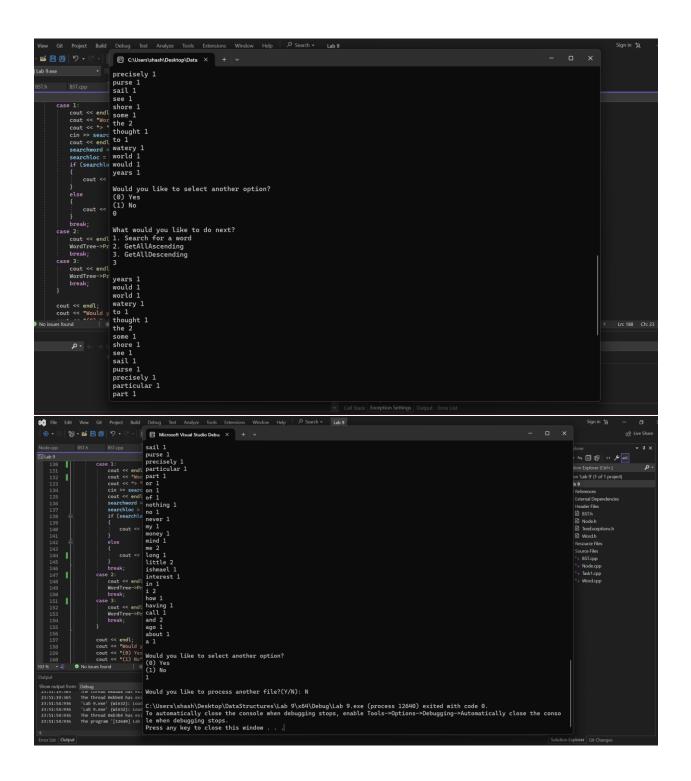
Lab 9 Report

- 1. Through this lab assignment the main concepts and objectives explored were binary trees, overloading, templates and classes. The main focus was on balancing trees as it is very helpful as it improves the search time from O(n) to O(log(n)). These objectives and concepts are fundamental to software development. Knowledge of binary trees, space and time complexity allows creation of better algorithms to deal with specific problems. When working in the industry, these concepts will be very helpful as we should know what data structures we should use for specific tasks.
- 2. Output:





3. Instructions to compile:

Make sure all files are in the same directory including the text file you want to open in the program. "MobyDick.txt" and "pan.txt" are already existing text files in the directory used for testing