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Report

- In the AVLTree we completed the rotation function.
- In the binarysearch we completed the process method we put the definition of the lambda function in the private and then we call the private from the public to get executed
- We made a new struct which hold the information about the file like the number of blocks, number of shreds ...in the defines.h
- In the linking between the AVLTree and the phase we needed to add the new command List asc, desc and delete, and to do that we needed to do a new class for list and delete
- We needed to modify the commandline argument in order to receive the new commands and parse it.

- To encrypt the given file, we use the command:

```
./bin/safebox --command import --input-file /home/nadatamer/Desktop/pha/data/myfile.fasta -  
- output-file outputfile --working-dir /home/nadatamer/Desktop/safebox/sb_home --key-file  
/home/nadatamer/Desktop/safebox/key_files/key_file.txt --block-size 1024 --shreds 3
```

- decrypted, which is located in the working directory, using the command:

```
./bin/safebox --command export --input-file outputfile --output-file decrypted --working-dir  
/home/nadatamer/Desktop/safebox/sb_home --key-file  
/home/nadatamer/Desktop/safebox/key_files/key_file.txt --block-size 1024 --shreds 3
```

- To compare the decrypted text with the original text (myfile.fasta), we use the command: diff
data/myfile.fasta decrypted