

## STUDENT PORTFOLIO



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**Specialization:** Software engineering  
**Semester:** 3rd

**Subject Title:** I8CSC201J Data Structures and Algorithms

**Handled By:** Mrs. Jackulin Mahariba

**Assignment – CrossWord Puzzle (Unit 1,2,3, & 4)**  
**(Write about the assignment questions and how u solved differently)**

The given assignment consisted of questions that were the part of our curriculum and included questions which helped in brushing up our theoretical understanding of the subject as it had both memorizing as well as logical and understanding type of questions. While some were easy, some really requires me to think and check my notes back to back. It kinda became a fun game, to finish the crossword, and the satisfaction is nice.

**Assignment**  
(what is the most interesting part in the assignment)

The most interesting part of the assignment is that we got an assignment like this one. It was really fun to do and compare answers with friends. These type of fun assignments should be given more instead of the regular writing, as this involves more active recall and is fun to do too.

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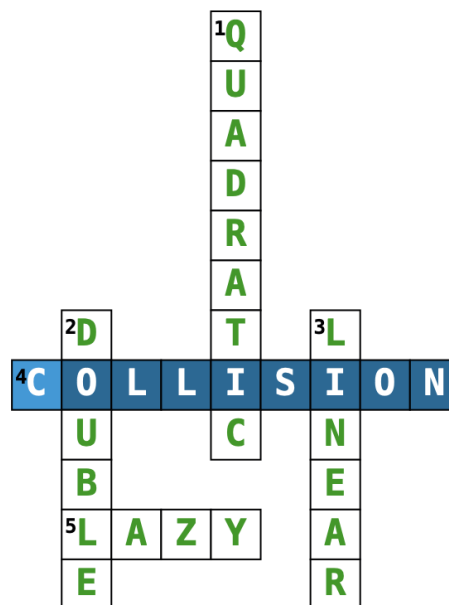
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## Hashing



### Across

✓4. when two or more elements share same index \_\_ occurs

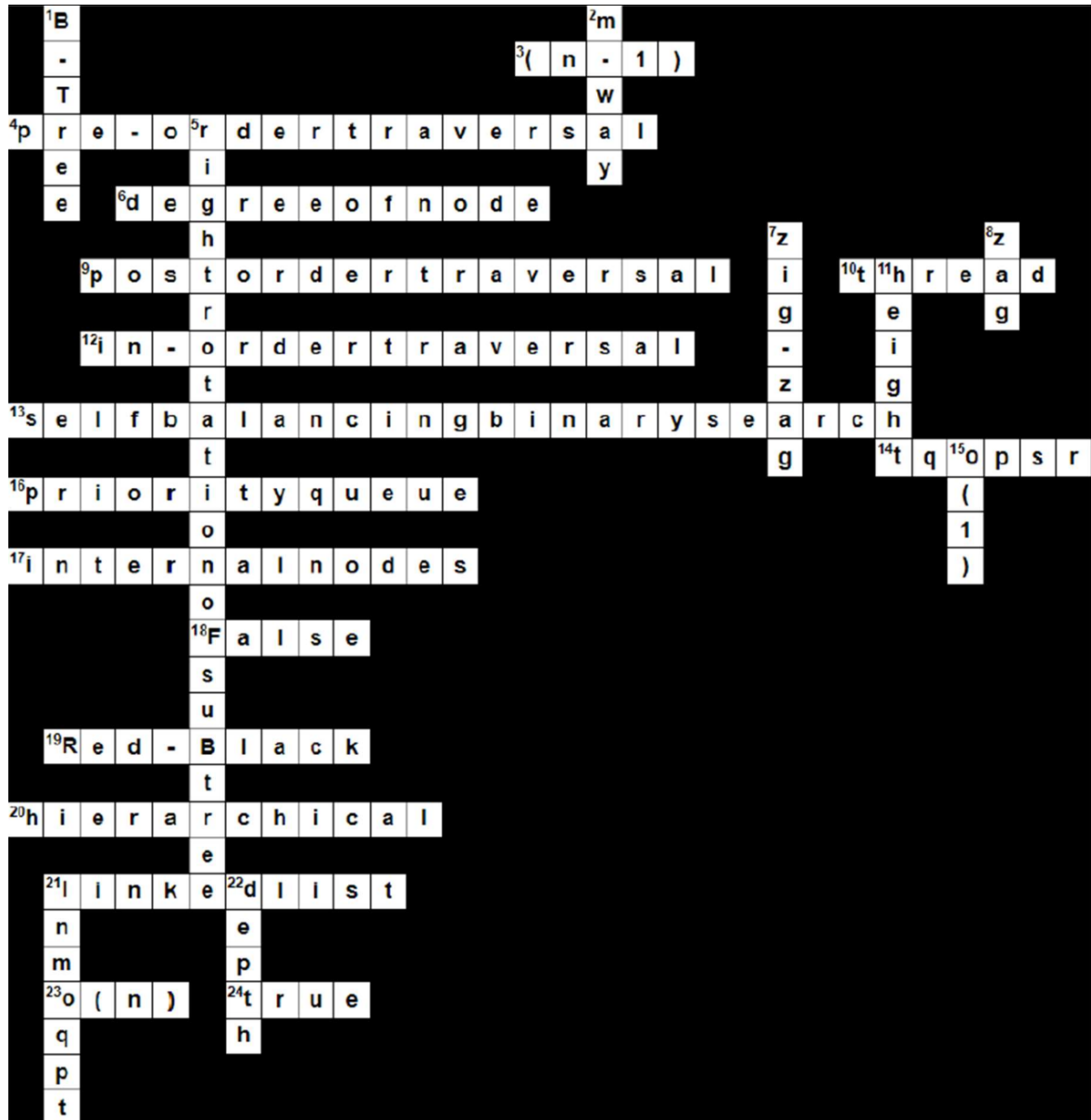
✓5. \_\_\_\_\_ deletion is implemented by hashing using open addressing

### Down

✓1. \_\_\_\_\_ probing overcomes primary clustering

✓2. hashing technique is free from all clustering problems

✓3. \_\_\_\_\_ probing technique offer better cache performance



### Codechef Achievements

- I. Completed all weekly exercises and assignments.



**Any other**  
**(Write if you registered or practise apart from Codechef(ex. Hackerrank, Leetcode etc.)**

HackerRank :- <https://www.hackerrank.com/thI444>

**Signature**

  
**Note: Enclose the assignment and relevant certificates along with the profile**