

# **PORTFOLIO**

**Submitted by**

**Raj Kumar Jaiswal**

**(RA2111003011888)**

Under the guidance of

Dr. Geetha R.

*In partial fulfilment for the Course*

Of

18CSC204J – DESIGN AND ANALYSIS OF ALGORITHMS

in **Computing Technologies**



**FACULTY OF ENGINEERING AND TECHNOLOGY SRM**

**INSTITUTE OF SCIENCE AND TECHNOLOGY**

**Kattankulathur, Chenpalpattu District**

May 2023

# **SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**

(Under Section 3 of UGC Act, 1956)

## **BONAFIDE CERTIFICATE**

Certified that this Course Project Report Titled “PORTFOLIO “is the bonafide work of **Raj Kumar Jaiswal (RA2111003011888)** who carried out the project work under my supervision. Certified further, that do the best of my knowledge the work reported here in does not form part of any other work.

### **SIGNATURE**

Faculty In-Charge  
Dr. Geetha R.  
Assistant Professor,  
Department of computing  
Technologies  
S.R.M. institute of science  
and technology

### **SIGNATURE**

HEAD OF THE DEPARTMENT  
Dr. M. Pushpalatha  
Professor and Head Of Computing  
Technologies  
S.R.M. institute of science and  
technology.

## STUDENT PORTFOLIO



**Name: Raj Kumar Jaiswal**

**Register Number: RA2111003011888**

**Mail ID: [rj9769@srmist.edu.in](mailto:rj9769@srmist.edu.in)**

**Department: B.Tech**

**Specialization: CSE-CORE**

**Semester: 4th**

**Subject Title: 18CSC204J (Design and Analysis of Algorithm)**

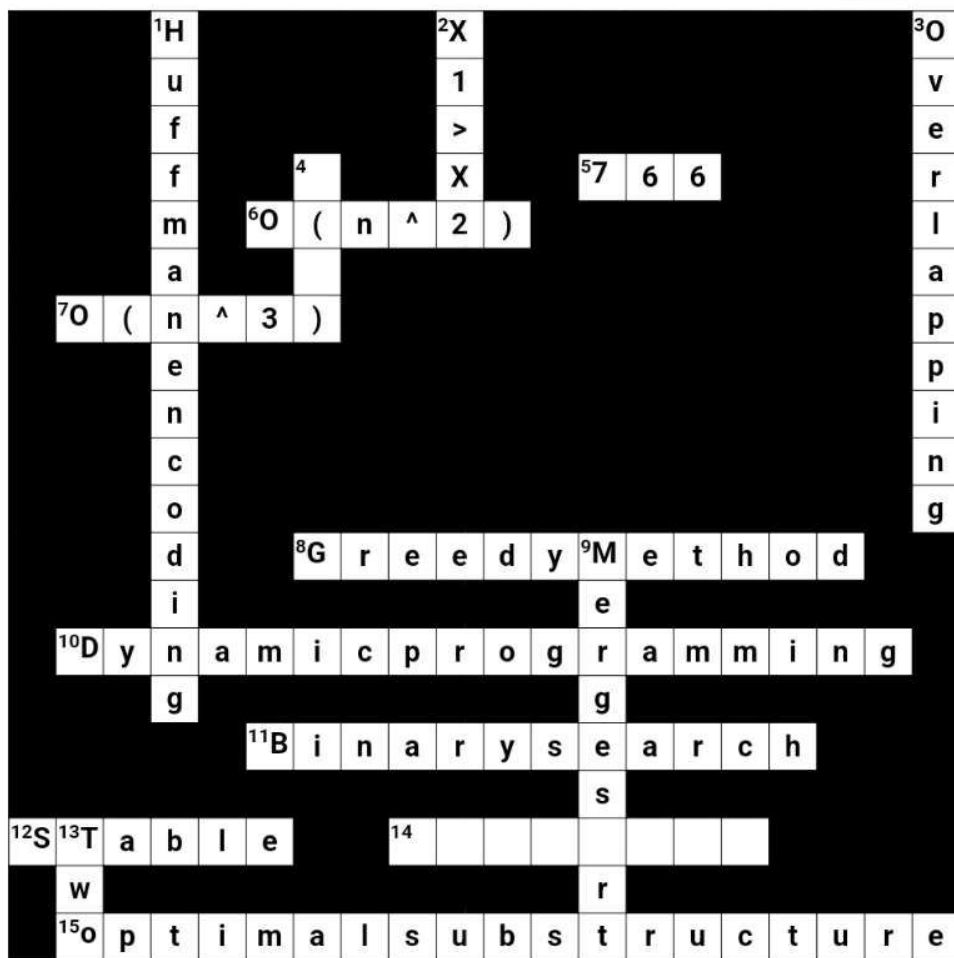
**Handled By: (Dr. Geetha R.)**

### Assignment – Crossword Puzzle (Unit 1,2,3, & 4)

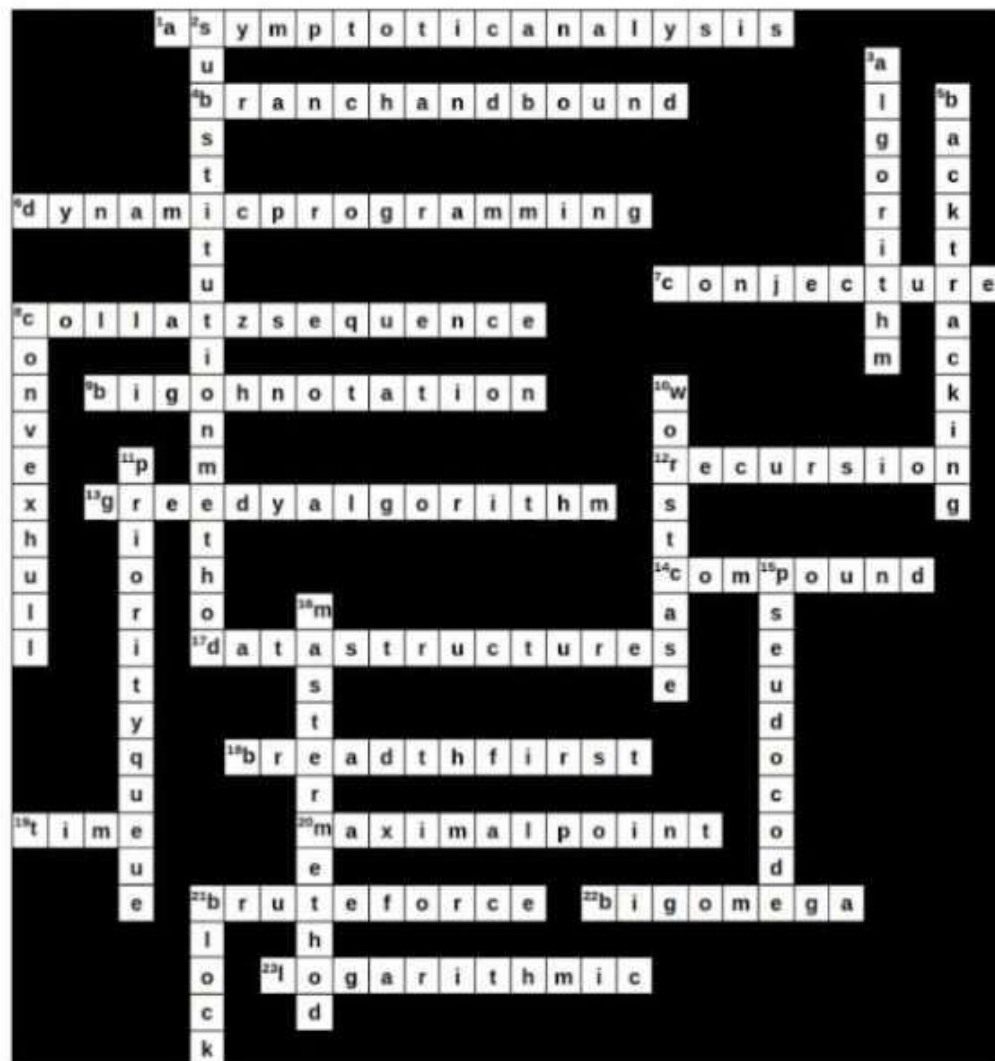
(Write about the assignment questions and how u solved differently)

The questions of the assignment as given by the course faculty was easy and understandable to do it. It also helped me go through all the units thoroughly. There were basic questions related to every topic which was very helpful. It helped to clear all the small basics of the 4 units. Basics are the base of any course, these assignments helped lot to clear and learn about the course clearly.

Q. 13: The number of sub arrays that the quick sort algorithm divide the entire array into?



Correct! Well done.  
Your score is 100%.



# Codechef Achievements

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codechef.com/college/contests

Practice [See Your Performance](#)

S.No	Topic	Contest Code	Start Date	End Date	Status	Action
1	Greedy Algorithms	SRMK2PP10	11/3/2022, 12:00:00 AM	11/10/2022, 12:00:00 AM	Ended	<a href="#">View</a>
2	Graphs	SRMK2PP09	10/27/2022, 12:00:00 AM	11/3/2022, 12:00:00 AM	Ended	<a href="#">View</a>
3	BSTs, STLs - I	SRMK2PP08	10/20/2022, 12:00:00 AM	10/27/2022, 12:00:00 AM	Ended	<a href="#">View</a>
4	Binary Search	SRMK2PP07	10/13/2022, 12:00:00 AM	10/20/2022, 12:00:00 AM	Ended	<a href="#">View</a>
5	Sorting	SRMK2PP06	10/6/2022, 12:00:00 AM	10/13/2022, 12:00:00 AM	Ended	<a href="#">View</a>
6	Strings	SRMK2PP05	9/29/2022, 12:00:00 AM	10/6/2022, 12:00:00 AM	Ended	<a href="#">View</a>
7	Arrays	SRMK2PP04	9/22/2022, 12:00:00 AM	9/29/2022, 12:00:00 AM	Ended	<a href="#">View</a>
8	Basics of Programming, Time Complexity - II	SRMK2PP03	9/14/2022, 12:00:00 AM	9/21/2022, 12:00:00 AM	Ended	<a href="#">View</a>
9	Basics of Programming, Time Complexity	SRMK2PP02	9/7/2022, 12:00:00 AM	9/14/2022, 12:00:00 AM	Ended	<a href="#">View</a>
10	Maths	SRMK2PP01	8/31/2022, 12:00:00 AM	9/7/2022, 12:00:00 AM	Ended	<a href="#">View</a>

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Search

ENG IN 15:09 13/11/2022

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Assignment [See Your Performance](#)

S.No	Topic	Contest Code	Start Date	End Date	Status	Action
1	Greedy Algorithms	SRMK2AP10	11/10/2022, 12:00:00 AM	11/17/2022, 12:00:00 AM	Ongoing	<a href="#">Participate</a>
2	Graphs	SRMK2AP09	11/3/2022, 12:00:00 AM	11/10/2022, 12:00:00 AM	Ended	<a href="#">View</a>
3	Stacks and Queues	SRMK2AP08	10/27/2022, 12:00:00 AM	11/3/2022, 12:00:00 AM	Ended	<a href="#">View</a>
4	Binary Search	SRMK2AP07	10/20/2022, 12:00:00 AM	10/27/2022, 12:00:00 AM	Ended	<a href="#">View</a>
5	Sorting	SRMK2AP06	10/13/2022, 12:00:00 AM	10/20/2022, 12:00:00 AM	Ended	<a href="#">View</a>
6	Strings	SRMK2AP05	10/6/2022, 12:00:00 AM	10/13/2022, 12:00:00 AM	Ended	<a href="#">View</a>
7	Arrays	SRMK2AP04	9/29/2022, 12:00:00 AM	10/6/2022, 12:00:00 AM	Ended	<a href="#">View</a>
8	Basics of Programming, Time Complexity - II	SRMK2AP03	9/22/2022, 12:00:00 AM	9/29/2022, 12:00:00 AM	Ended	<a href="#">View</a>
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10	Maths	SRMK2AP01	9/7/2022, 12:00:00 AM	9/14/2022, 12:00:00 AM	Ended	<a href="#">View</a>

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# HackerRank Achievements

**HackerRank** | Prepare | Certify | Compete

67% Complete your profile. You are steps away from getting best job suggestions and other recommendations. [Complete Profile](#)

**RAJ JAISWAL (RA2111003011888)**  
@rj9769  
JAVA Developer  
India

**About**  
Current: ...  
Expected year of Graduation: 2025  
Education: SRM University, Chennai (SRM Institute Of Science & Technology)  
More about me: "My name is Raj Jaishwal and I am a programming language learner. I am an accomplished coder"

**Badges**  
Java, Python, C

**Verified Skills**  
Problem Solving (Basic) Verified, CSS Verified

**Work Experience**  
+ Add work experience, including contracts and internships

# Leetcode Achievements

**Raj Kumar Jaishwal**  
Raj2060  
Rank 2,748,127  
[Edit Profile](#)

India  
SRM University  
rajsrm2021  
in kumarjaishwal  
java

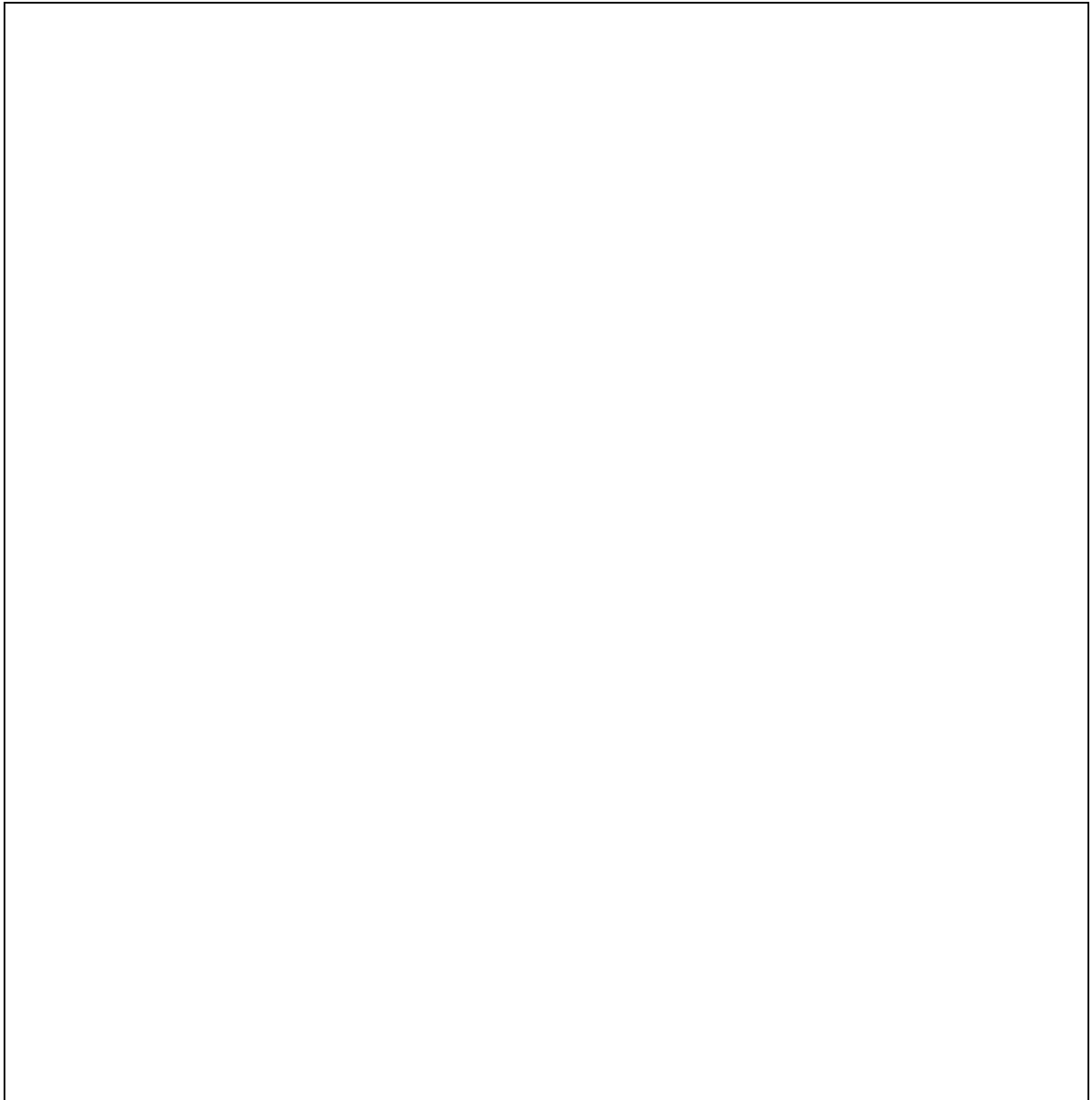
**Community Stats**  
Views 0  
Solution 0  
Discuss 0  
Reputation 0

**Solved Problems**  
Easy 5 / 660 Beats 7.2%  
Medium 1 / 1416 Not enough data  
Hard 0 / 592 Not enough data

**Badges**  
0  
Locked Badge: May LeetCode Challenge

**17 submissions in the last year**  
Total active days: 6 Max streak: 2 Current

**Recent AC**  
Two Sum 2 months ago  
Reverse Integer 3 months ago  
Two Sum 3 months ago



A handwritten signature in black ink that reads "Kaleas". The signature is written on a light green, textured rectangular background.

**Signature**

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



