PORTFOLIO

Submitted by

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(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.

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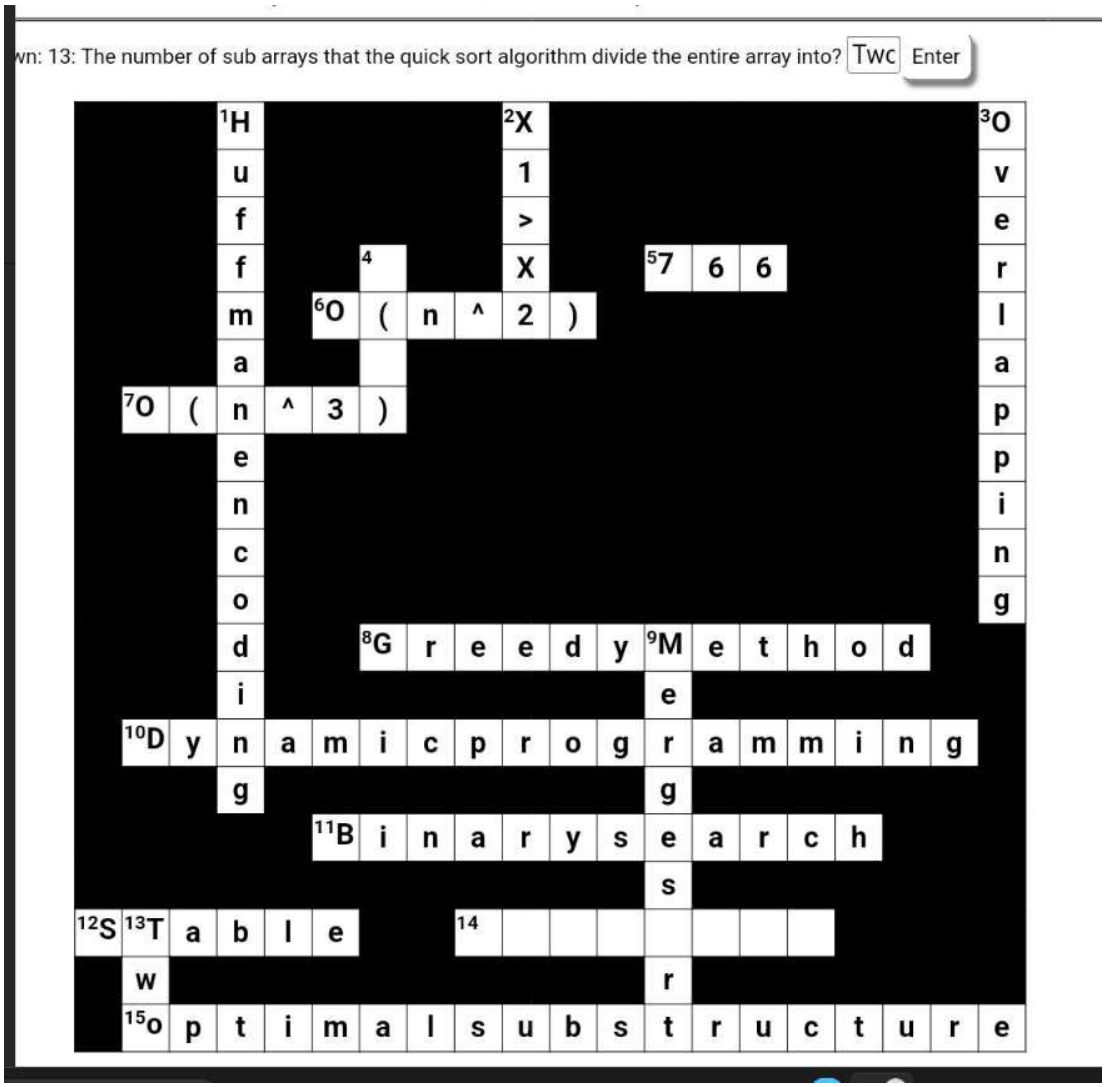
Specialization: CSE-CORE
Semester: 4th

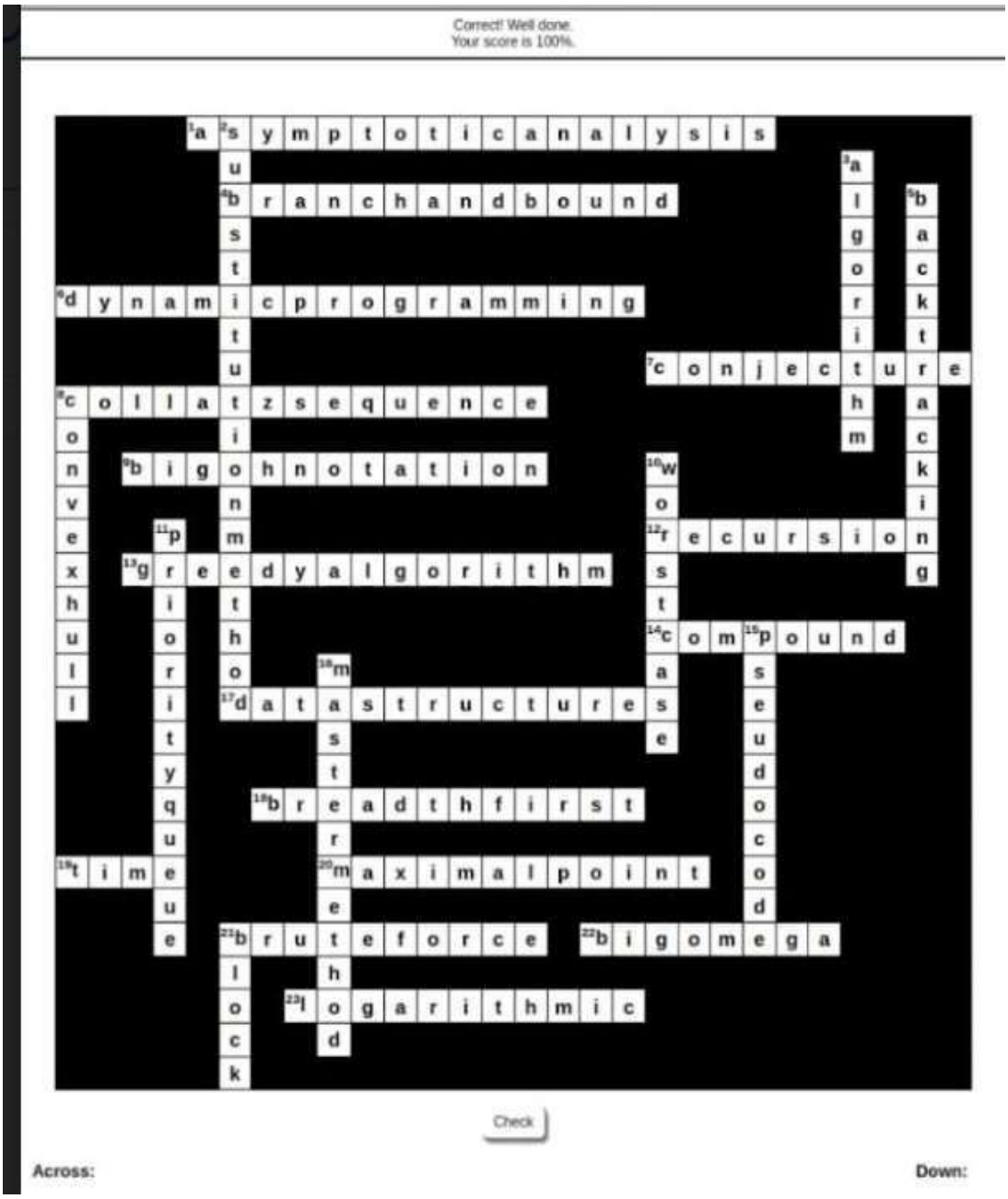
Subject Title: 18CSC204J (Design and Analysis of Algorithm)

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.



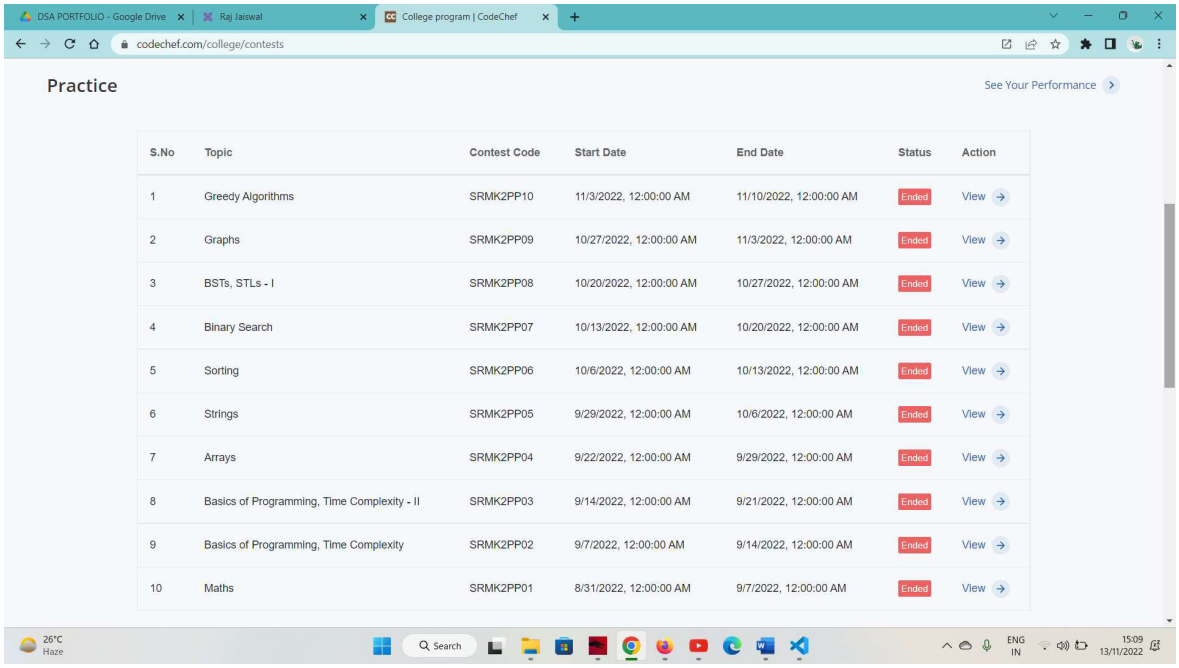


Assignment

(what is the most interesting part in the assignment)

Solving the questions was the most interesting part as we encountered some interesting questions which were supposed to test our knowledge and help us in gaining more knowledge about the subject and increase our level of expertise in the respective subject and its topics.

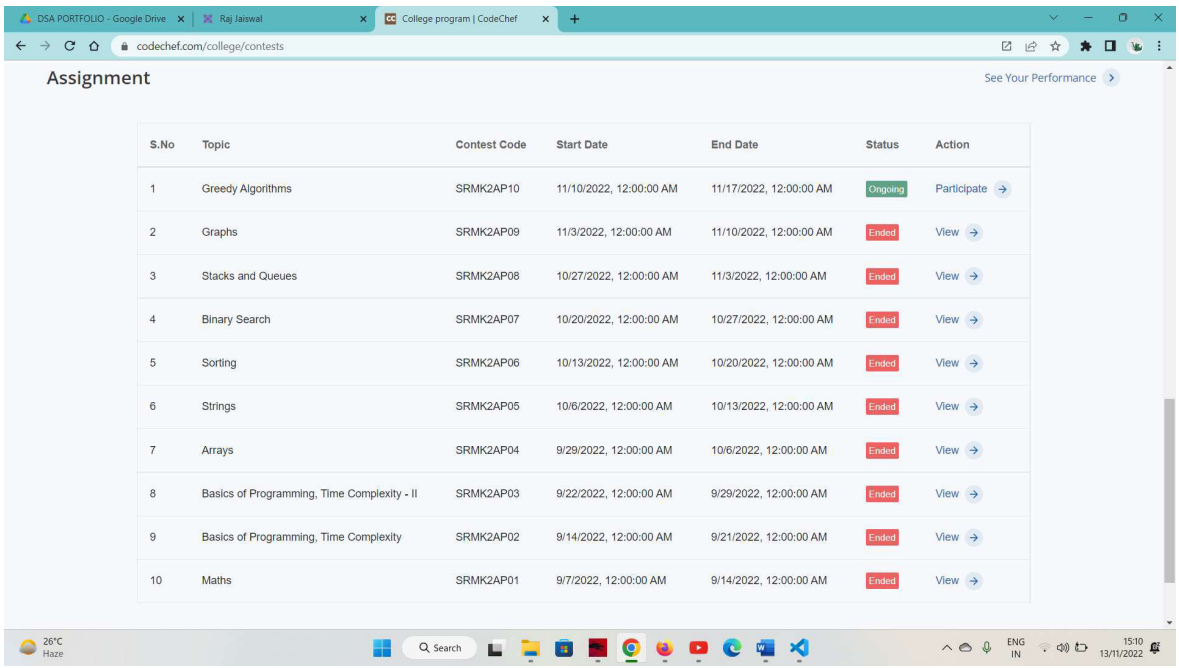
Codechef Achievements



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	View
2	Graphs	SRMK2PP09	10/27/2022, 12:00:00 AM	11/3/2022, 12:00:00 AM	Ended	View
3	BSTs, STLs - I	SRMK2PP08	10/20/2022, 12:00:00 AM	10/27/2022, 12:00:00 AM	Ended	View
4	Binary Search	SRMK2PP07	10/13/2022, 12:00:00 AM	10/20/2022, 12:00:00 AM	Ended	View
5	Sorting	SRMK2PP06	10/6/2022, 12:00:00 AM	10/13/2022, 12:00:00 AM	Ended	View
6	Strings	SRMK2PP05	9/29/2022, 12:00:00 AM	10/6/2022, 12:00:00 AM	Ended	View
7	Arrays	SRMK2PP04	9/22/2022, 12:00:00 AM	9/29/2022, 12:00:00 AM	Ended	View
8	Basics of Programming, Time Complexity - II	SRMK2PP03	9/14/2022, 12:00:00 AM	9/21/2022, 12:00:00 AM	Ended	View
9	Basics of Programming, Time Complexity	SRMK2PP02	9/7/2022, 12:00:00 AM	9/14/2022, 12:00:00 AM	Ended	View
10	Maths	SRMK2PP01	8/31/2022, 12:00:00 AM	9/7/2022, 12:00:00 AM	Ended	View

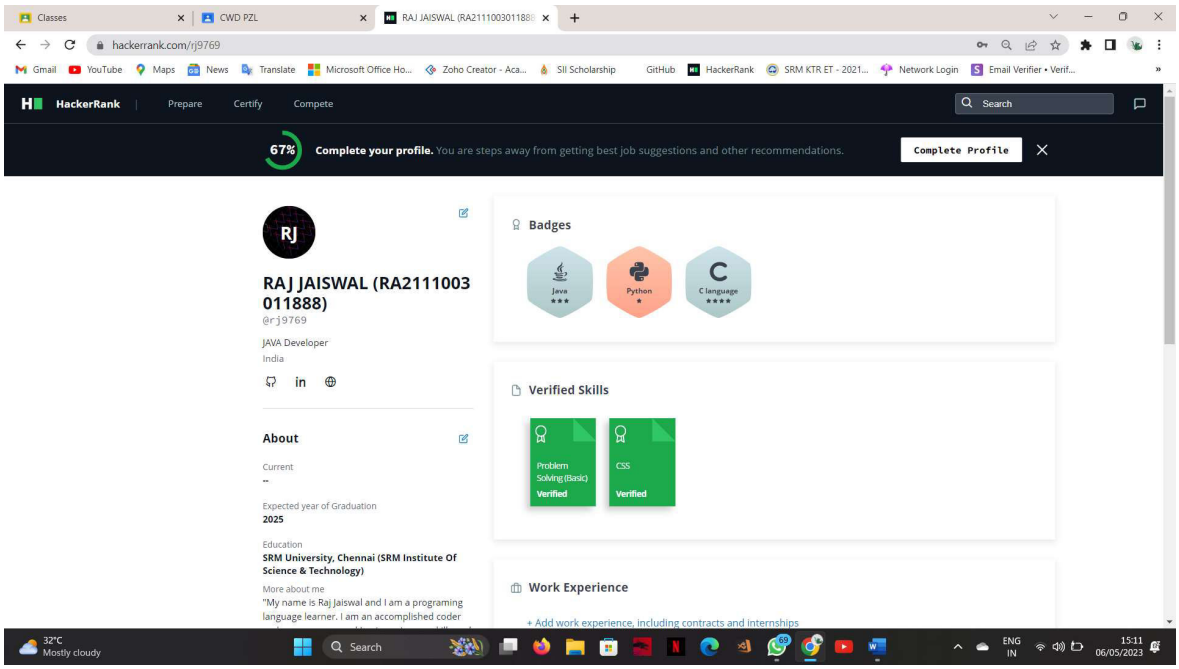


Assignment

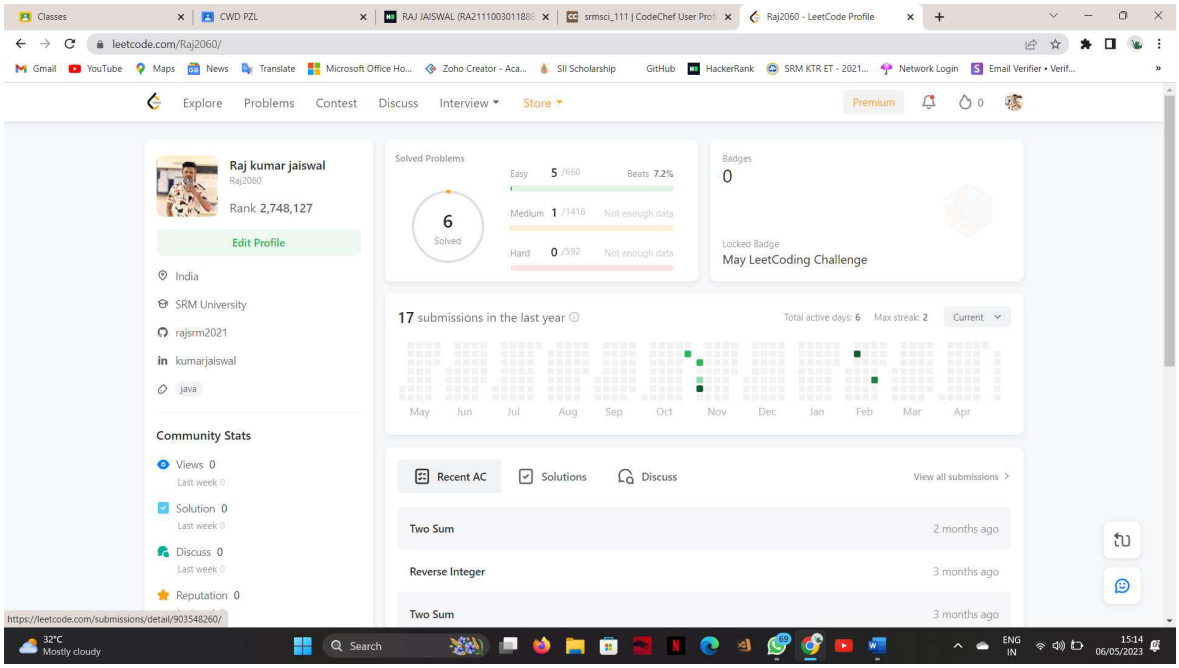
See Your Performance

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	Participate
2	Graphs	SRMK2AP09	11/3/2022, 12:00:00 AM	11/10/2022, 12:00:00 AM	Ended	View
3	Stacks and Queues	SRMK2AP08	10/27/2022, 12:00:00 AM	11/3/2022, 12:00:00 AM	Ended	View
4	Binary Search	SRMK2AP07	10/20/2022, 12:00:00 AM	10/27/2022, 12:00:00 AM	Ended	View
5	Sorting	SRMK2AP06	10/13/2022, 12:00:00 AM	10/20/2022, 12:00:00 AM	Ended	View
6	Strings	SRMK2AP05	10/6/2022, 12:00:00 AM	10/13/2022, 12:00:00 AM	Ended	View
7	Arrays	SRMK2AP04	9/29/2022, 12:00:00 AM	10/6/2022, 12:00:00 AM	Ended	View
8	Basics of Programming, Time Complexity - II	SRMK2AP03	9/22/2022, 12:00:00 AM	9/29/2022, 12:00:00 AM	Ended	View
9	Basics of Programming, Time Complexity	SRMK2AP02	9/14/2022, 12:00:00 AM	9/21/2022, 12:00:00 AM	Ended	View
10	Maths	SRMK2AP01	9/7/2022, 12:00:00 AM	9/14/2022, 12:00:00 AM	Ended	View

HackerRank Achievements



Leetcode Achievements



Signature

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