DATE: 24-03-2023



COMPETITIVE PROGRAMMING CLUB

CodeCrack Challenge 1.0

INFORMATION AND COMMUNICATION TECHNOLOGY

FACULTY OF TECHNOLOGY MARWADI UNIVERSITY, RAJKOT



1. Introduction:

The CodeCrack Challenge 1.0 was an exciting and intellectually stimulating coding event aimed at testing participants' logical thinking, problem-solving abilities, and understanding of data structures. The event was structured into three competitive rounds, each designed to challenge different aspects of coding proficiency. The event took place on March 24, 2023, at MA107 from 11:00 AM to 2:00 PM.

2. Event Overview:

The event was divided into three rounds:

- **Round 1: Logical Puzzles** Participants were given logical puzzles commonly asked in interviews. The group that solved the problem first was awarded points.
- **Round 2: Code Tracing** A C++ code snippet was displayed, and teams had to determine the correct output and explain the logic behind it. Teams that provided the most accurate and detailed explanations earned points.
- Round 3: Having Fun with Data Structures Teams were given a data structure problem (such as inserting into a stack or tree). One member wrote the algorithm on the board while the rest of the team arranged themselves to simulate the execution of the program.

The cumulative scores from all three rounds determined the winning team.

3. Attendance and Participants:

The event had a total of **25 students** in attendance. The event witnessed active participation from students with a keen interest in coding and problem-solving. Several teams competed, each consisting of multiple members collaborating to solve challenges. The event was well attended by both participants and spectators who enthusiastically engaged with the problem statements.

4. Achievements and Outcomes:

- Participants enhanced their logical thinking and problem-solving skills.
- Improved debugging and code-tracing abilities among participants.
- Strengthened teamwork and collaboration skills.

- The event successfully fostered a competitive yet friendly learning environment.
- A winning team was declared based on their cumulative performance across all rounds.

5. Challenges:

- Some participants found the code-tracing round challenging due to complex logic in the given code snippets.
- Time constraints added pressure, making it difficult for some teams to complete tasks quickly.
- Ensuring that all teams received equal opportunities to participate actively in all rounds.

6. Feedback and Evaluation:

- Participants appreciated the unique and engaging format of the event.
- The interactive data structures round was particularly well received as it made learning fun.
- Some suggestions included extending the time for code tracing and incorporating more diverse problem statements.
- Organizers received positive feedback on the event's structure and execution, with recommendations to hold similar events in the future.

7. Conclusion:

The CodeCrack Challenge 1.0 was a resounding success, providing an excellent platform for students to test and enhance their coding and analytical skills. The enthusiastic participation and positive feedback from attendees demonstrated the effectiveness of the event. Future iterations of the challenge can incorporate suggested improvements to make the experience even more enriching. Overall, the event successfully achieved its objective of promoting problem-solving and logical reasoning in a competitive yet enjoyable manner.

8. Attachment





9. Attendance:

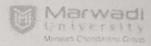
Enrollment No	GR No	Participant Name
92100133086	115114	NIVA RATHOD
92100133083	115050	VARUN RAVINDRABHAI UMARALIYA
92100133014	115019	AJAY DINESHBHAI RANK
92100133071	114699	VENISHA DINESHBHAI PARMAR
92100133070	114696	BHAKTI KISHANBHAI SUKHADIYA
92100133069	114681	AMEE RAMESHBHAI VAGHELA
92100133068	114680	VARTIKA PRATUL VACHHANI
92100133067	114673	DHRUVI KARTIKBHAI KOTHARI
92100133066	114670	ARPIT DIPAKKUMAR AGRAVAT
92100133064	114643	KHUSHI HARESHBHAI PANDYA
92100133063	114639	RUTIK KHIMJIBHAI PARMAR
92100133062	114638	DARSHIT KIRITBHAI PARMAR
92100133061	114626	NIDHI DIPAKBHAI DHINOJA
92100133060	114621	ARJUN JENTIBHAI KUKADIYA
92100133059	114617	DEVAN TUSHARBHAI BHENSDADIYA
92100133058	114609	DHARMI ARVINDBHAI JAVIYA
92100133057	114606	DARSHAN MAYANI
92100133052	114541	HASTI VIPULBHAI HAJIPARA
92100133051	114514	DHARA LALIT KORIYA
92100133049	114502	DEEP SURYANKANTBHAI MANANI
92100133048	114476	RUSHIRAJSINH NARENDRASINH ZALA
92100133047	114463	ALFRED DUKU KENNETH JOSEPH
92100133045	114454	JATIN ARVINDBHAI SOJITRA
92100133044	114430	YUVRAJ HITESHBHAI THORIYA
92100133043	114425	HEET RAMESHBHAI CHOTHANI



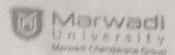
Club Name: Competetive Programming Date: 14-03-202 Event Name: Code Chack Challenge I.O
Event Name: Code Chack Challence I.O
How would you rate the overall event experience?(Select one)
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Any Other comments that you would like to mention?
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It helped me develop my problem Solving skills.



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Club Name: Compositive Programming Date: 24/03/22
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Any Other comments that you would like to mention?



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How satisfied were you with the flow of the event?(Select one)
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() Dissatisfied
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Was the content relevant to your technical interests and knowledge level?(Select one)
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Club Name: Competitive Programming Date: 24/3
Club Name: Competitive Programming Date: 24/3 Event Name: Gode Crack Challenge 1.0
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() Excellent
How satisfied were you with the quality of the speakers/presenters? (Select one)
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Satisfied
() Neutral
() Dissatisfied
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How satisfied were you with the flow of the event? (Select one)
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() Satisfied
() Dissatisfied
() Highly dissatisfied
Was the content relevant to your technical interests and knowledge level? (Select one)
() Extremely Relevant
Sightly Relevant
() Neutral
() Slightly Relevant
() Not relevant at all
Any Other comments that you would like to mention?
The event was amozing & interesting.