DATE: 10-04-2024



# COMPETITIVE PROGRAMMING CLUB

# Java and OOPs from Scratch

INFORMATION AND COMMUNICATION TECHNOLOGY

FACULTY OF TECHNOLOGY MARWADI UNIVERSITY, RAJKOT



#### 1. Introduction:

The event "Java and OOPs from Scratch," conducted on 10th April 2024, aimed to provide participants with a strong foundation in Java programming and Object-Oriented Programming (OOP) concepts. This initiative targeted Degree Semester 2 students to introduce them to core programming principles and their practical applications.

### 2. Event Overview:

The session was held in Lab MA106 and catered to 65 participants. It was structured to cover the fundamentals of Java and systematically build up to key OOP concepts, ensuring a gradual and clear understanding of the subject. The focus was on interactive learning, supplemented by coding exercises to reinforce theoretical concepts.

## 3. Attendance and Participants:

The event saw enthusiastic participation from 65 students mostly enrolled in the second semester of their degree programs. This group represented a diverse mix of learners keen to enhance their programming skills and explore OOP paradigms.

GR No.	Enrolment No	Name
122642	92301733052	SAURABH K BHUPTANI
120891	92301733021	YASH JAYESHBHAI VEKARIYA
120715	92301733009	SYLEIDE MARGARIDA ATANASIO MUNEQUELE
121771	92301733029	BHARGAV MAHESHBHAI LIMBANI
122820	92301733057	PAYAL MAKWANA
122779	92301733056	BUGGITTINA SHIVA KUMAR
120691	92301733004	DUCLAS ARGENTINA FRANCISCO MATSINHE
122428	92301733045	HITARTHI MANOJBHAI PANSURIYA
122352	92301733065	LORDWIN JOSEPH
120717	92301733012	ADELAIDE FELICIANO LAMPIAO MIGUEL
122265	92301733040	MAYUR DILIPBHAI KHANDLA
122710	92301733053	ROHAN PRAVINBHAI MAKWANA
120713	92301733008	YURICA SILVANA DE ASSIS CAETANO
122354	92301733042	ANSH VIPUL RAYTHATHA
123464	92301733072	CHAN EVAN WESLEY
120692	92301733003	ALBEIJA BERNADETE LOLA LAISSANE
122806	92301733068	EPARI SAI PRASHANTH
122580	92301733050	JYOTINDRASINH PARMAR
123042	92301733063	ANGEL OZA
120865	92301733020	ARMANDO NELVIO MOIANE
122405	92301733043	BHAVIN PANKAJBHAI MUCHHALA
120680	92301733002	DINESH KAMLESH KEVALRAMANI
123014	92301733060	KRUSHANG KAMLESHBHAI SAVALIYA
122441	92301733062	ADITYA RAJ
120914	92301733022	OM CHANDULAL MAKADIYA
123043	92301733064	KATHAN KAMLESH KANSAGARA
122731	92301733054	NIKHILKUMAR JAYESHBHAI BHANDERI

120815	92301733016	ASHUTOSH KUMAR SINGH	
123095	92301733067	MANAV DHARMESH MANDALIA	
122640	92301733051	TANVI BATUKBHAI KAKADIYA	
121063	92301733025	MIHIR MALIKALI MITHANI	
121725	92301733028	DISHA PARESHBHAI VADOLIYA	
121249	92301733036	NIKI MAJITHIYA	
120736	92301733013	MIT JAYESH SOLANKI	
122195	92301733038	DIVY SHANTILAL DEDANIYA	
123024	92301733061	KIRTI ANILBHAI SHINGALA	
120704	92301733006	ZEENAT ABDULCADRE ABUCHIR DOSSO	
120945	92301733024	ISHA DEVENDRABHAI SAVALIYA	
120809	92301733015	KAUSHAL MAHESHBHAI PARMAR	
120824	92301733017	HARSH VISHALBHAI TRIVEDI	
121853	92301733033	HAPPY KALPESHBHAI LIMBASIYA	
122434	92301733046	SHIVAM ATULKUMAR BHATT	
123073	92301733066	KAVYA CHIRAGBHAI THAKAR	
122247	92301733039	DISHANT SHAILESHBHAI RUPAPARA	
121782	92301733031	DHYANA KOTHARI	
123134	92301733058	DEVENDRASINH DOLATSINH JADEJA	
120706	92301733007	DENISA LIDIA DIONISIO RECAMA	
123160	92301733069	HARSHIL MANSUKHBHAI DOMADIYA	
119732	92200133043	PRIYANSHI HIREN MADANI	
116118	92200133002	HARSH MANISHBHAI DOSHI	
119394	92200133021	VIDYA BHARTI SINHA	
118613	92200133014	HENCY HITESHBHAI DEPANI	
117715	92200133008	ISHIKA KIRIT SHETH	
119144	92200133016	MALHARKRISHNA SAHILKRISHNA SHAH	
120002	92200133046	RACHEL LEILA AKOL MUORWEL	
122473	92301733047	RAJ TULSHIBHAI TALA	
121144	92301733026	GEORGE THOMAS	
122416	92301733044	JENISH PINTUBHAI KHAKHKHAR	
121772	92301733030	MEET VIJAYBHAI LIMBANI	
120720	92301733011	HIRCEL CIRZETH VIRGILIO ZACARIAS	
118299	92200133011	ARYAN JAGDISHBHAI MAHIDA	
119920	92200133045	NAKIBINGE GAVIN	
119699	92200133037	NANDINI JAYESH LASHKARI	
116617	92200133003	PRASHANT GOPALBHAI SARVAIYA	
119459	92200133025	UMANG KETANBHAI HIRANI	

#### 4. Achievements and Outcomes:

- Enhanced Understanding: Participants acquired foundational knowledge of Java and its syntax.
- **Practical Exposure**: Hands-on sessions solidified their grasp of core OOP principles like encapsulation, inheritance, and polymorphism.
- **Skill Development**: The event served as a stepping stone for students to further explore Java-based development and advanced programming concepts.
- Collaborative Learning: Participants shared insights and solutions, fostering a collaborative atmosphere conducive to mutual growth.

#### 5. Feedback and Evaluation:

The event received commendable feedback for its comprehensive coverage of Java and OOP basics. Students appreciated the interactive teaching approach and the emphasis on hands-on learning. The structured progression from fundamental Java concepts to OOP principles was particularly well-received.

#### 6. Challenges:

One of the primary challenges was catering to students with varying levels of prior programming exposure. While some participants quickly grasped the concepts, others required additional assistance, which highlighted the need for differentiated instruction.

#### 7. Conclusion:

The "Java and OOPs from Scratch" event successfully equipped participants with essential programming skills and a solid understanding of OOP principles. With active engagement and positive feedback, the session underscored the importance of practical learning experiences. It served as an effective gateway for students to explore Java programming in greater depth, laying the groundwork for their academic and professional journeys.

# 8. Attachments:











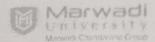
Club Name: 60 Mp & 14110 Mogramusa Date: 10/4/24				
Event Name: 00/9 & Cara from garatch				
How would you rate the overall event experience?(Select one)				
() Poor				
() Average				
HGood				
( ) Very Good				
( ) Excellent				
How satisfied were you with the quality of the speakers/presenters?(Select one)				
( )Highly Satisfied				
( )Satisfied				
(L)Neutral				
( )Dissatisfied				
( )Highly dissatisfied				
How satisfied were you with the flow of the event? (Select one)				
( ) Highly Satisfied				
₩ Satisfied				
( ) Neutral				
() Dissatisfied				
( ) Highly dissatisfied				
Was the content relevant to your technical interests and knowledge level?(Select one)				
( )Extremely Relevant				
( ) Sightly Relevant				
() Neutral				
Listightly Relevant				
()Not relevant at all				
Any Other comments that you would like to mention?				
The club does execeptional wants by				
to the second se				
with ondusting.				



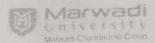
Event Name: Op's and Jone Gran Lelatels
Club Hame. Morpholic for Selection
Event Name: Op's and double Grish Christian
How would you rate the overall event experience?(Select one)
() Poor () Average () Good  HVery Good () Excellent
How satisfied were you with the quality of the speakers/presenters?(Select one)
( )Highly Satisfied ( )Satisfied  ( )Neutral ( )Dissatisfied ( )Highly dissatisfied
How satisfied were you with the flow of the event? (Select one)
<ul> <li>( ) Highly Satisfied</li> <li>J Satisfied</li> <li>( ) Neutral</li> <li>( ) Dissatisfied</li> <li>( ) Highly dissatisfied</li> </ul>
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?



Club Name: Competitive Programming Date: 10/4/2024
Event Name: OP'S & Java From Geratich
How would you rate the overall event experience? (Select one)
() Poor
() Good
( ) Very Good
( ) Excellent
How satisfied were you with the quality of the speakers/presenters? (Select one)
( ) Highly Satisfied
() Satisfied
() Dissatisfied
( ) Highly dissatisfied
How satisfied were you with the flow of the event? (Select one)
( ) Highly Satisfied
() Satisfied
()-Neutral
( ) 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
and the state of t
Any Other comments that you would like to mention?
got to learn a lot from this event



Club Name: Competitive Programming Date: 10-04-21
Club Name: Competitive Programming Date: 10-04-22  Event Name: 000's and JAVA for Scratus
How would you rate the overall event experience? (Select one)
() Poor () Average () Good VYVery Good () Excellent
How satisfied were you with the quality of the speakers/presenters? (Select one)
( ) Highly Satisfied  Satisfied ( ) Neutral ( ) Dissatisfied ( ) Highly dissatisfied
How satisfied were you with the flow of the event? (Select one)
() Highly Satisfied
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?
It was a really great experience.



Club Name: <u>Competitive Programming Club</u> Date: 10-4-24  Event Name: <u>OOP's</u> and JAVA from Scratch
Event Name: Opp's and TAVA wom Scratch
How would you rate the overall event experience? (Select one)
( ) Poor  ( ) Average ( ) Good ( ) Very Good ( ) Excellent
How satisfied were you with the quality of the speakers/presenters? (Select one)
( ) Highly Satisfied ( ) Satisfied ( ) Neutral ( ) Dissatisfied ( ) Highly dissatisfied
How satisfied were you with the flow of the event? (Select one)
( ) Highly Satisfied ( ) Satisfied ( ) Neutral ( ) 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?  According to me, this could ne been done bestler.



0146 Club Name: competetive phogramming Date: 10-04-2024 Event Name: Oap's and Java From scratch How would you rate the overall event experience?(Select one) **U**Poor () Average () Good () Very Good () Excellent How satisfied were you with the quality of the speakers/presenters?(Select one) () Highly Satisfied ()Satisfied ()Neutral ()Dissatisfied () Highly dissatisfied How satisfied were you with the flow of the event? (Select one) (') Highly Satisfied () Satisfied () Neutral ( 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?



Club Name: Competetive programming Date:	10-4-2024
Club Name: Competetive programming Date:  Event Name: OOP'S and Java from School	ch
How would you rate the overall event experience?(Select one)	
() Poor () Average () Good () Very Good () Excellent	(Calort one)
How satisfied were you with the quality of the speakers/presenters?	Select one)
( )Highly Satisfied  ( )Satisfied ( )Neutral ( )Dissatisfied ( )Highly dissatisfied  How satisfied were you with the flow of the event?(Select one)	
How satisfied were you with the flow of the events (see a see	
<ul><li>( ) Highly Satisfied</li><li>( ) Satisfied</li><li>( ) Neutral</li><li>( ) Dissatisfied</li><li>( ) Highly dissatisfied</li></ul>	
Was the content relevant to your technical interests and knowledge	level?(Select one)
( )Extremely Relevant ( ) Signtly Relevant ( ) Neutral ( )Slightly Relevant ( )Not relevant at all	
Any Other comments that you would like to mention?	