PREFACE

CERTIFICATE

This is to certify that

Mr. **Ankit Nagendra Singh** *with enrolment no.* **190303105027** *and semester/division* **5B1** *has successfully completed his laboratory experiments in the Object-Oriented Programming with Java (203105334) from the department of Computer Science And Engineering during the academic year 2021-2022.*

Date of Submission: ……

Staff In Charge: ……

Head of Department: ……

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6	Write a program to explain static polymorphism in java.	17	23/07/21	27/07/21		
6.1	Write a program to find volume of Box using concept of method overloading.	18	27/07/21	30/07/21		
7	Write a program to find the factorial of a number using interface.	19	30/07/21	10/08/21		
7.1	Write a program to implement multiple inheritance in java using interface.	20	10/08/21	13/08/21		
7.2	Create a package called Mathsoperation1, which must contain classes to perform addition, subtraction, create another package called Mathsoperation2, which must contain classes to perform multiplication and division operation. Create a main class and import the Mathsoperation1, Mathsoperation1 package in it to perform all the operations on the input numbers provided by the user. Finally, display the result of each operation on the console.	21	13/08/21	17/08/21		
8	Write a program to design student registration form using AWT components.	23	17/08/21	20/08/21		
8.1	Write a Java Program for Calculator Operations Using AWT Controls & appropriate layout manager.	26	20/08/21	23/08/21		
9	Write a program to demonstrate array index out of bounds exception.	36	23/08/21	27/08/21		
9.1	Create an interface Account with two methods deposit and withdraw. Create class Savings Account which implements the interface. Write a custom Exception handler for	37	27/08/21	31/08/21		

	Savings Account to handle the scenarios when withdrawn amount is larger than the balance in the account.					
10	Write a program to demonstrate class object locking using method level synchronization.	39	31/08/21	31/08/21		
10.1	Write a program that executes two threads. One thread will print the even numbers and another thread will print odd numbers from 1 to 50.	41	31/08/21	31/08/21		