



S.Y.B.C.A. (4th Semester)
A.Y.:2025-26
Subject: 403-Java Programming Language-Practical
JOURNAL

SR. NO.	PARTICULARS	PAGE NO.	SIGN.
1	Write a program that takes five numbers from the command line and print them in ascending order.		
2	Write a program that create class Employee in java with id, name, and salary as data members. Create a 5 different employee object by taking input from user and display all the information of an employee who is having maximum salary. (use array of object)		
3	Write a program that create a student class with attributes: name, roll_no, and marks. Implement a method display() to show student details. create two student objects and display their details.		
4	Write a program to create three class; Vehicle, Twowheeler and Fourwheeler. In Vehicle class data members are company name, and methods are input and display. Twowheeler inherit the properties of Vehical class and data members are name, type(gear,nongear) ; and methods are input and display. Fourwheeler class inherit the properties of Vehical and its data members are name, model no, fuel type; and methods are input and display. Use overriding techniques for input and display methods.		
5	Create class Employee, Teaching, Nonteaching; In Employee class data members are employee no, name and salary and there are two abstract methods set and get. Teaching class inherit the properties of Employee and its data members are course; designation and its methods are set and get, Nonteaching class inherits the properties of Employee class and its data members are course and designation and methods are set and get. Write a program to display information of employee according to designation wise. (Usage of abstract class and method.)		
6	Write a program to create interface area. Create three classes called		



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	rectangle, triangle, and square calculate areas respectively.		
7	Write a program to input a string from the user and perform following operations: <ul style="list-style-type: none">• convert it to uppercase• find the length of string• reverse the string.• count the number of vowels in the string.		
8	Create package stores. Under it create a class called stock with member variable (item_no, item_name, stock_available, and cost). Under the default package create a class called sales with field name (qty_sold) and it is the child class of stores class. Write a program to print the current stock of each item and perform addition		
9	Write a program that takes two numbers as input and performs division. Handle exceptions for division by zero and invalid input.		
10	Write a program that handles the custom exception like when a user gives input as Floating point number then it raises exception with appropriate message.		
11	Write a program that handles the custom exception like when a user gives input as Floating point number then it raises exception with appropriate message.		
12	Write a program that accepts string from command line and display each character in capital at the delay of one second.		
13	Create a Menu driven program to implement Singly Linked list and perform operation like create, traverse, insert and delete node.		

NOTE:

1. Journal submission date will be declared soon.
2. Use appropriate Java programming concept.



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5/12/25