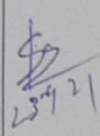
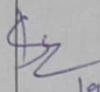
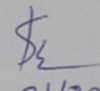


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Sr. no.	Topics Covered	Experiments	Date	R1	R2	R3	R4	R5	Total Marks	Signature
1.	Basic concept of Java programming, Compilation and Execution Process, Data Types, operators, Reading user input, Strings	<ol style="list-style-type: none"> <li>Write a program to print "Hello World" on the screen.</li> <li>WAP that convert string to character using toString() and valueOf() .</li> <li>WAP that convert Char to string.</li> <li>Program to find ASCII code of a character.</li> <li>Swapping two numbers using bitwise operator.</li> </ol>	16-09-21						15	 23/9/21
2.	Java Control statements, Command line arguments	<ol style="list-style-type: none"> <li>WAP to check Vowel or Consonant using Switch Case</li> <li>WAP to display first n prime numbers.</li> <li>WAP to check whether the input year is leap or not</li> <li>Write an application that accepts two doubles as its command line arguments, multiple these together and display the product.</li> <li>Write an application that accepts one command line argument, display the line of reporting if number is even or odd.</li> <li>Write an application that accepts radius of a circle as its command line argument display the area.</li> </ol>	23-09-21						15	 30/9/21
3.	Arrays, Methods, Method Overloading	<ol style="list-style-type: none"> <li>Write a program to find out the array index or position where sum of numbers preceding the index is equals to sum of numbers succeeding the index.</li> <li>Write a program that creates and initializes a four-element int array. Calculate and display the average of its values.</li> <li>WAP using Bubble sort for sorting in ascending Order.</li> </ol>	30-09-21						15	 7/10/21

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		<div>4. Create a java program to implement stack and queue concept.</div> <div>5. Using the concept of method overloading Write method for calculating the area of triangle ,circle and rectangle.</div>									
4.	Classes & object Constructor	<div>1. WAP that creates a class circle with instance variables for the center and the radius. Initialize and display its variables.</div> <div>2. Modify experiment 1 to have a constructor in class circle to initialize its variables.</div> <div>3. 3.Modify experiment 2 to show constructor overloading.</div> <div>4. WAP to display the use of this keyword.</div> <div>5. Write a program that can count the number of instances created for the class.</div> <div>6. Java Program to get the cube of a given number using the static method.</div> <div>7. WAP that describes a class person. It should have instance variables to record name, age and salary. Create a person object. Set and display its instance variables.</div>	07-10-21								15 \$2 21/10/21
5.	Inheritance, Polymorphism, Method overriding	<div>1. WAP that implements method overriding</div> <div>2. WAP to illustrate simple inheritance.</div> <div>3. WAP to illustrate multilevel inheritance.</div> <div>4. WAP illustrating all uses of super keywords.</div>	21-10-21								15 \$2 21/10/21
6.	Abstract classes, Interface, Package	<div>1. Create an abstract class shape. Let rectangle and triangle inherit this shape class. Add necessary functions.</div> <div>2. Write a java package to show dynamic</div>	28-10-21								15 \$2 21/11/21



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[illegible]

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		<ol style="list-style-type: none"> <li>Convert the content of a given file into the uppercase content of the same file.</li> <li>JDBC (Database connectivity with MS-Access).</li> </ol>								✓ \$2 2/1/21
11.	Swings	<ol style="list-style-type: none"> <li>Create runnable jar file in java.</li> <li>Display image on a button in swing</li> <li>Change the component color by choosing a color from Color Chooser.</li> <li>Display the digital watch in swing tutorial.</li> <li>Create a notepad in swing.</li> </ol>	02-12-21							1) \$2 9/1/21
12.	Servlet	<ol style="list-style-type: none"> <li>Write hello world program in servlet.</li> <li>Write a servlet which displays current system date and time?</li> <li>Write a program that handle HTTP request.</li> <li>Write a program that handle HTTP response</li> <li>Create a servlet that uses Cookies to store the number of times a user has visited your servlet.</li> </ol>	09-12-21							15 \$2 9/1/21