

KDK COLLEGE OF ENGINEERING

Department of Computer Science & Engineering

THIRD SEMESTER B. Tech.

BECSE308P : OBJECT ORIENTED PROGRAMMING WITH JAVA

List of Experiments

1. Write to a program to display

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* * *  
* * * *
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2. Write a java program to calculate the volume of cube using constructor.

3. Write a program to give the demonstration how to use of data types and control structures for

- A) Area of circle**
- B) Print 10 numbers of Fibonacci series (use while loop).**
- C) Find factorial of a number (use for loop).**

4. WAP to calculate the sum of odd integers between 1 and 99 using for loop.

5. WAP to find sum of series $1+x+x^2+x^3+\dots$

6. WAP to Create a class Time with hours, minutes, and seconds as member variables and calculate sum of two Time objects.

7. WAP to Implement the complex number class at minimum it should have a constructor, and methods to add, subtract, and multiply two complex numbers and to return the real and imaginary parts.

8. Write a program to demonstrate use of following functions of String class

- 1) Get Chars()**
- 2) equals()**
- 3) equals Ignore Case()**
- 4) starts With()**
- 5) ends With()**
- 6) sub String()**