

## **DETAILED SYLLABUS**

Contents: Practical

### **PART - A**

1. Write a program to read the temperature in Celsius and convert into Fahrenheit.
2. Write a program to read 2 integers and find the largest number using conditional operator.
3. Write a program to read an integer and find the factorial of a number.
4. Write a program to implement Vector class and its methods.
5. Write a program to read a string and check whether it is palindrome or not.
6. Write a program to create a class with following data members
  1. register number
  2. Name
  3. Marks in 3 subjects and member functions
    1. parameterised constructor – to assign values to members
    2. method to find total mark
    3. method to display register number, name, total markCreate 3 objects from the above class and use the members
7. Write a program that accepts radius of a circle from command line and display its area.

### **PART - B**

8. Write a program to implement multilevel inheritance.
  9. Write a program to create a own exception subclass that throws exception if the given number is not in a range of numbers.
  10. Write a program that creates three threads. First thread displays “Good Morning” everyone second, the second thread displays “Hello” every two seconds and the third thread displays “Welcome” every three seconds.
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11. Write a program to create a file using Byte stream or Character stream class.
12. Write a program to demonstrate Mouse events.
13. Write a program to display basic shapes using Graphics class and fill them using Color class
14. Write a program to create a simple calculator to perform addition, subtraction, multiplication and division using button, label and text field.

## **BOARD EXAMINATION**

### **NOTE:**

Students should write one program from **PART A** and one program from **PART B**.

### **DETAILED ALLOCATION OF MARKS**

<b>SCHEME OF VALUATION</b>	
Writing answer for any one program from PART – A	20 Marks
Execution (Part A)	20 Marks
Result with Print out (Part A)	5 Marks
Writing answer for any one program from PART – B	25 Marks
Execution (Part – B)	20 Marks
Result with Print out (Part – B)	5 Marks
Viva voce	5 Marks
<b>TOTAL</b>	<b>100 Marks</b>

### **LIST OF EQUIPMENTS**

#### **HARDWARE**

1. Desktop Computers – 30 No's
2. Laser Printer – 1 No

#### **SOFTWARE**

1. Any Text Editor
2. JDK 1.7 or above
3. Java enabled Browser