**Lab-9**

**Exception Handling**

**Aim: To understand and implement exception handling using try - catch block**

1. Create a class Student with attributes roll no, name,age and course. Initilize values through parameterized constructor. If age of the student is not in between 15 and 21 then generate user-defined exception “AgeNotWithinRangeException”.
2. Write a program which accept two integers and an arithmetic operator from the  
   command line and performs the operation. Fire the following user defined exceptions:  
   i. If the no of arguments are less than 3 then fire “illegalNumberOfArguments”  
   ii. If the operator is not an Arithmetic operator, throw “InvalidOperatorException”  
   iii. If result is -ve, then throw “NegativeResultException”.
3. Define a class MyDate with members day, month, year. Define default and parameterized constructors. Accept values from the command line and create a date object. Throw user defined – “InvalidDayException” or InvalidMonthException” if the day and month are invalid. If the date is valid display message “valid date”