College of Engineering and Management, Kolaghat
Object Technology Laboratory, (5th Semester, IT)

1. Write a JAVA program to implement the following exceptions:
    a. ArithmaticException
    b. ArrayIndexOutOfBoundsException
    c. ArrayStoreException
    d. NumberFormatException
    e. ClassNotFoundException

2. Define an exception called *CEMKNotMatchException* that is thrown when a string entered by user is not equal to "CEMK" or "cemk". Now write a JAVA program to demonstrate this exception.

3. Modify the class **Date** created in Assignment 2.3 to implement the following user-defined exceptions:
    a. *YearException*, if year value is beyond 1970 – 2069
    b. *MonthException*, if month value is beyond 1 – 12
    c. *DateException*, if date value is beyond 1 – 31 depending upon month and year [e.g. January – 31, February – 28 for non leap year, 29 for leap year etc.]