JAVA

## ETCS-357

### List of experiments (As prescribed by G.G.S.I.P.U)

1. Create a java program to implement stack and queue concept.
2. Write a java package to show dynamic polymorphism and interfaces.
3. Write a java program to show multithreaded producer and consumer application.
4. Create a customized exception and also make use of all the 5 exception keywords.
5. Convert the content of a given file into the uppercase content of the same file.
6. Develop an analog clock using applet.
7. Develop a scientific calculator using swings.
8. Create an editor like MS-word using swings.
9. Create a servlet that uses Cookies to store the number of times a user has visited your servlet.
10. Create a simple java bean having bound and constrained properties.

**NOTE:- At least 8 Examples out of the list must be done in the semester.**

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### List of experiments (Beyond the syllabus)

* 1. Write a program showing Multi-level inheritance.
  2. Write a program that implements method overriding
  3. Write an application that shows thread synchronization.
  4. Write an application that displays deadlock between threads.
  5. Basic File handling program in java with reader/writer.
  6. Write an Applet that displays a counter in the middle of applet
  7. Write a program that displays the life cycle of an Applet.
  8. Write programs of database connectivity using JDBC-ODBC drivers.