

## Assignment 3

Sy comp  
Subject –  
JPR (317314)

- 1) Define thread mention 2 ways to create thread.
- 2) Define error with list its types .
- 3) Describe life cycle of thread with suitable diagram
- 4) Define an exception called 'No Match Exception' that is thrown when the password accepted is equal to 'MSBTE'. write the program.
- 5) Define thread priority? Write default priority values and the methods to set and change them.
- 6) Define an exception. How it is handled ?
- 7) What are different types of error ?
- 8) What is use of throw, throws and finally Statement?
- 9) Explain the following cause with respect to exception handling  
a)try b)catch c) finally d)throw
- 10) What is Exception ? Give different types of exceptions that could occur during runtime. Why to handle exceptions ?
- 11) Explain thread priority and method to get and set priority values. With suitable diagram .
- 12) Explain following methods related to threads :  
suspend ( ) b) resume ( ) c) yield ( ) d) wait ( )
- 11) Explain the following methods related to thread a . Wait() b. Notify()
- 12) Summer-15- Write a program to input name and age of a person and throws an user define exception if entered age is negative.
- 13) Winter-14 -Write a program to create two threads ; one to print numbers in original order and other to reverse order from 1 to 50.
- 14) Winter-13 - Write a program to throw a user defined exception "String Mismatch Exception" if two strings are not equal(ignore case)
- 15) Summer-13- Write a program to throw a user defined exception as "Invalid Age",if age entered by user is less than eighteen.also mention any two common java exception and their causes.

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