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(M.S.)
● Department of Information Technology ●
SE IT Java SLB Lab Experiment Writing Instructions

Experiment No: 10

Aim: To understand how to perform Multi threading in Java

Theory: [In theory explain following points**]**
      1. What is difference in a process and a thread.
      2. Multitasking using multi threaded programming.
      3. Thread Life Cycle and corresponding Java methods.

Learn more at : [https://www.javatpoint.com/multithreading-in-java]

[Summarize the content here in 2 and ½ page]

Problem Statement 1:

Write a Java code to create two threads such that one thread will print even number and another will print odd number in an ordered fashion.

**Implementation : Use following implementation
[https://github.com/profanup/JavaSBL2023/blob/main/codes/Module4/4_OddEvenPrinter.java]**

Explain Code : [Explain the code and how to create multiple thread]

Problem Statement 2:

Assume that two brothers, Joe and John, share a common bank account. They both can, independently, read the balance, make a deposit, and withdraw some money. Implement java application demonstrate how the transaction in a bank can be carried out concurrently.

**Implementation : Use following implementation
[https://github.com/profanup/JavaSBL2023/blob/main/codes/Module4/3_BankDemo.java]**

Explain Code : [Explain the code and how to create a concurrent appplication]

Conclusion : Thus we have understood how to perform Multi threading in Java.