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| **Serial No** | **01** |
| **Program description** | **Write a java program to illustrate class level lock** |
| **Technologies to use** | **Java** |
| **Concepts to use** | **Multiple Threading/Threads** |
| **Sample Input** | **No Inputs** |
| **Expected output** | thread1  in block thread1  in block thread1 end  thread3  in block thread3  in block thread3 end  thread2  in block thread2  in block thread2 end |

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| **Serial No** | **02** |
| **Program description** | **Write a java program which runs threads that deposit and withdraw money from the same bank account?** |
| **Technologies to use** | **Java** |
| **Concepts to use** | **Multithreading/Threads** |
| **Sample Input** | **Amount = 100** |
| **Expected output** | Depositing 100.0, new balance is 100.0  Withdrawing 100.0, new balance is 0.0  Depositing 100.0, new balance is 100.0  Withdrawing 100.0, new balance is 0.0 |

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| **Serial No** | **03** |
| **Program description** | **Write a java program to avoid dead lock?** |
| **Technologies to use** | **Java** |
| **Concepts to use** | Multithreads/Threads |
| **Sample Input** | **No Inputs** |
| **Expected output** | **Thread should acquire lock. It should release a lock** |