

**Birla Institute of Technology & Science, Pilani, K. K. BIRLA Goa campus**

**Operating Systems**

**First Semester 2013-2014**

**Tutorial 7**

**Basics of Multi-Threaded Programming**

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**Q. To compute  $nCr$  using Multithreaded programming concept**

- 1. Write a user defined function factorial to find factorial of an integer number.**
- 2. Read two integer numbers  $n$  and  $r$  from the user as command line arguments.**
- 3. Create three threads to compute  $n!$ ,  $r!$  and  $(n-r)!$  simultaneously and return the results to main thread.**
- 4. Compute the value of  $nCr$  in main thread and display the result.**