

Siddaganga Institute of Technology, Tumakuru – 103

Department of Information Science and Engineering

Assignment – I (2020-21)

Last Date to Submit: 12-01-2021

1. Write a Java program to print a given integer number equivalent binary number. (CO1, L3, PO1)
2. Write a single Java program to perform the following using threads:
 - a. Thread to print 100 to 1 for every one second and this thread has to print its output after completion of all threads
 - b. Thread to print number equivalent in words corresponding to previous thread output. (CO2, L3, PO1)
3. Write a java code to display the key pressed but not to display the original key pressed. Example: Key pressed is: P (assume user pressed the K key) (CO2, L3, PO1)
4. Assume a producer has a capacity to store five items in the storeroom and sale the any number of items at a time. The producer can produce items and store but it should not excess the capacity. Once the consumer buys the product again producer can produce the items this process will be infinite. Write a java program to solve this using multithread. (CO2, L4, PO3)