Lab exercises – Java Programming -

LEVEL -1 (25 Marks)

1. Define three classes: Mother, Plate and Child. Mother class should create a thread that starts counting the dosa made from 0(0,1,2…) and it stores each value of dosa made in the Plate class. The Child class should create a thread which keep track of number of dosa made and print the number. Create instance of Mother, Plate and Child to explore the operation of threads.   (10)

2. Modify the above program such that synchronization is implemented i.e each number of dosa is printed only once.   (5)

3. Create your own NetworkingServer and NetworkingClient applications named as MyComputingServer and MyComputingClient. The client send ten numbers and the server sends back sum of the numbers.   (10)